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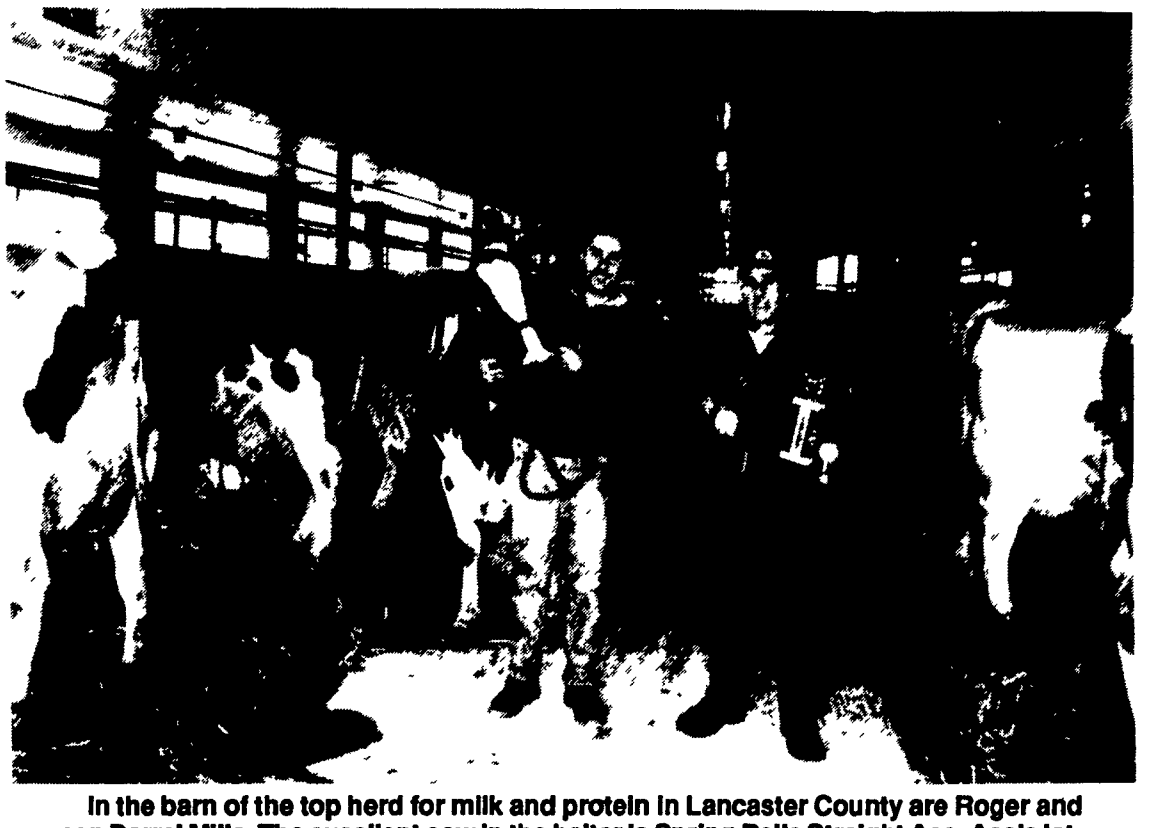
Lancaster Farming

VOL. 37 No. 5 | Four Sections | Lancaster Farming, Saturday, December 14, 1991 | 60¢ Per Copy | 19.00 Per Year



In the barn of the top herd for milk and protein in Lancaster County are Roger and son Darrel Mills. The excellent cow in the halter is Spring Belle Straight Ace. Ace's latest record is 6y4m 365d 37,761m 3.5% 1311f 3.1% 1179p. Her highest production day was 127 lbs. of milk, but she milked over 100 lbs. of milk for seven months. *Photo by Everett Newswanger, Managing Editor.*

Spring Belle Has Top Herd, Lancaster Declines Centralization

EVERETT NEWSWANGER
Managing Editor

SMOKETOWN (Lancaster Co.)—The Lancaster County chairman of the research committee for centralization of Pennsylvania DHIA told the dairy farmers at the Red Rose DHIA annual meeting here Tuesday that joining the state centralization process would not be in the best interest of the local members.

Speaking to more than 500 members at the dinner meeting, John Howard said the committee came to this conclusion after extensive research into the matter.

Howard gave a lengthy step-by-step report on the process taken by the local committee and the events that transpired to bring the committee to this decision.

As options with state were closed, information was sought from other service providers. As of the meeting, negotiations had been opened with Maryland and Raleigh, N.C. A late offer from state was also being considered.

In a show of unity by the membership, a motion of support for the actions of the committee and the local board was passed by voice vote without audible dissent.

The Red Rose DHIA financial report was given to members, with total revenues at $1,158,847.65; a margin for the year of $3,438.19

(Turn to Page A25)

Mifflin Extension Changes Name

GAIL STROCK
Mifflin Co. Correspondent

LEWISTOWN (Mifflin Co.) — Those attending the Mifflin County Cooperative Extension Association's annual meeting on December 9 at Hartman Center in Milroy undoubtedly joined their forefathers in accepting change gracefully. Change became the thread that connected two unrelated events on the program that evening.

One order of business was the need to revise the bylaws. Because extension is more than agriculture, members voted to change the old name, the Mifflin County Agricultural Extension Association, to the Mifflin County Cooperative Extension Association, indicating the common goal to improve the standard of living of all residents.

The other program event concerning change was the main point made by the guest speaker, Dr. Manfred Kroger, professor of food science at Penn State.

In building up to his main point, Dr. Kroger stated that, in the

(Turn to Page A22)

Manure Storage Study Finds Farmers Risk Safety

First of two parts

ANDY ANDREWS
Lancaster Farming Staff

LEBANON (Lebanon Co.) — There are some things farmers just don't want to talk about.

But some things you *have* to talk about. Because if you don't, it can cost you — even kill you.

One of those things is your manure storage system. A new report published by the USDA Soil Conservation Service (SCS) contains the result of a year-long study of 99 manure storage systems in Pennsylvania.

The study, published in October this year, was the result of a two-year long program to examine manure structures. The manure storages under scrutiny included facilities such as manure pond, structure, and treatment lagoons.

Existing facilities

With aid of the conservation districts in each of the counties across the state, the SCS study evaluated existing manure storage facilities. In the summer of 1990, 99 facilities were studied, including those with and without the assistance of USDA/SCS.

From a master list of 2,013 facilities that the SCS was aware of throughout the state, and with the

(Turn to Page A34)

Holiday Deadlines

The *Lancaster Farming* office will be closed Wednesday, December 25 in observance of Christmas. Deadlines for the November 28 issue are as follows.

- Mailbox Market Ads — 5:00 p.m., Friday, Dec. 20.
- Public Sale Ads — 9:00 a.m. Monday, Dec. 23.
- Late News — Noon, Thursday, Dec. 26.
- Classified Section C Ads — 9:00 a.m., Tuesday, Dec. 24.
- All other Classified Ads — 9:00 a.m., Thursday, Dec. 26.

NMPF Young Cooperators Meet

EVA MARTIN
Maryland Correspondent

ORLANDO, Fla. — The Young Cooperators of National Milk Producers Federation met in Orlando, Fla., for leadership sessions, seminars, inspiration, to share views, learn and have fun, then to take the information back home and share with other cooperative members.

Following an annual tradition, the young cooperators decorated their Christmas tree at the opening session. Each participant hung an ornament on the tree representing their farm or cooperative. As they hung their ornaments, each gave a brief introduction of their family, farm and co-op activities.

David Simpson, minister of Oakdale Emory United Methodist Church in Olney, Md., highlighted Sunday night's YC opening session with reflections on the famous song, "Do You Hear What I Hear?"

Simpson said that it makes all the difference in the world how you see things. Twenty years ago a person may have looked at the area of Disney World complex as being filled with shrub trees and swamp land. "But what did Walt Disney see?" he rhetorically asked the group.

Simpson shared stories with the YC's of his experiences growing up on his family's dairy farm and his work as a minister. He complemented the YC's for being selected to participate in the YC program.

"You are the folks the dairy industry will be looking to for new direction and vitality," Simpson said.

"Take hold of a new vision for yourselves and your cooperative. We need visionaries, people to look beyond the present," he said. "Now is the time to begin marching forward to live out your own dreams."

After the session, the young cooperators gathered for an old fashioned ice cream social.

The enthusiasm, excitement and knowledge of young cooperators mixed with experience and leadership causes Tom Camerlo, NMPF president, to see a good

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Sec. A...Market Reports & General News.
Sec. B...Women's News, Public Sales & Mailbox Market.
Sec. C...Business News & Classified 4-36.
Sec. D...Classified 1-3.
See Story Index Page A3.

Recently the Espenshade family received a Century Farm Award for their 140-acre Elizabethtown farm that has been in the family for 124 years. From left: Matt, Susan, Amy, Becky, and Harvey stand in front of the springhouse they are restoring. Read about the Espenshades on page A28. *Photo by Lou Ann Good.*

Lancaster Co. Livestock Market Auctions

Lancaster Livestock

Monday, Dec. 9, 1991

	Cattle	Calves	Hogs	Sheep	Goats
Monday's Auction	930	83	245	1212	184
Last Monday's Auction	887	106	75	1050	354
Last Year's Auction	1000	70	141	1208	847

CATTLE: Slaughter steers steady; slaughter heifers firm, instances 1.00 higher, cows 50-1.00 higher; bullocks scarce; bulls steady. Supply included 48% slaughter steers, 23% slaughter heifers, 22% cows, with the balance bulls.

SLAUGHTER STEERS: Choice 2-3 few 4 1090-1425 lb 68.50-71.35, few 71 50- 72.35; couple lots high Choice and Prime 3-4 1250-1350 lb. 72.00-73.00, couple lots mostly 4 1335-1390 lb 68 10-69.10; Select and low Choice 2-3 1100-1375 lb 64.75-68.00.

HOLSTEINS: High Choice and Prime 1200-1625 lb 62.25-66.00, few 1635-1821 lb 60.60-61.25; Choice 1300-1625 lb 60.25-62.25; couple Select 1250-1550 lb 57.50-60.00.

SLAUGHTER HEIFERS: Choice 2-3 975-1300 lb 64.50-68.75, few Choice 2 1100- 1325 lb 68.75-70.50; load Choice and Prime 3-4 1360-1525 lb 67.75-69.00, couple 1360-1465 lb 71.50-71.75; Choice 2-3 890-965 lb 61.75-64.75; Select 2- 3 950-1225 lb 61.00-64.50.

COWS: LO DRESSING BULK HI DRESSING Breaking Utility & Commercial 2-3 49.50-53.00 53.00-54.25. Cutter & Boning Utility 1-2 47.50-49.00 49.00-51.50 51.50-52.50. Canner & low Cutter 42.00-44.00 44.00-46.00.

BULLOCKS: Couple Choice 2-3 1250-1350 lb 67.75-69.75; couple Select 1-3 1050-1275 lb 62.25-65.25.

BULLS: Yield grade 1 1250-1875 lb 63.00-66.25, couple 68.75-72.50; couple 2025-2125 lb 59.25-61.00; yield grade 2 1000-1450 lb 59.00-63.00.

CALVES: Vealers steady; slaughter calves 5.00-8.00 higher. Demand good for Holstein bulls to return to farm.

VEALERS: Couple Choice 180-290 lb 110.00-125.00; high Good and low Choice 200-270 lb 75.00-95.00, 80-105 lb 58.00-70.00.

SLAUGHTER CALVES: Good and Choice 300-460 lb 70.00-80.00.

RETURNED TO FARM: Bulk 90-125 lb Holstein bulls 120.00-145.00; small frame 85-115 lb 100.00-120.00.

HOGS: Barrows and gilts steady; sows 1.00-2.00 lower.

BARROWS AND GILTS: US 1-2 210-245 lb 40.00-40.50. US 1 215-240 lb 41.00-42.00. US 1-3 210-255 lb 38.50-40.00.

SOWS: US 1-3 300-500 lb 25.00-26.00. 500-650 lb 26.00-28.00, couple 29.00-30.00.

BOARS: All weights 24.00-25.00.

SHEEP: Wooled lambs 7.00-10.00 higher; slaughter ewes steady, instances 5.00 higher.

WOOLED LAMBS: Choice 75-120 lb 60.00-70.00, few 70.00-75.00, 40-65 lb 65.00- 80.00;

NEW CROP LAMBS: Choice 35-50 lb 90.00-135.00, 50-90 lb 70.00-90.00.

SLAUGHTER EWES: Utility and Good 20.00-30.00, few 30.00-35.00; Yearlings and two-year olds 30.00-40.00.

GOATS: All goats sold by the head. Large Billies 75.00-100.00, few 100.00-130.00; Nannies 50.00-65.00, few 45.00-50.00. Medium 40.00-60.00, mainly 45.00-55.00; Small, mainly kids, 25.00-35.00, few 35.00-40.00.

Vintage Livestock

Paradise, PA

Dec. 10, 1991

CATTLE 962...USDA... Supply included 32% slaughter steers and 53% cows ... Compared with Monday's market: Slaughter steers fully steady, instances .50 higher on Choice and Prime 2 to 3; Heifers scarce; Cows 1.00 to 1.50 lower; Bullocks and Bulls not fully tested. Choice 2-4, 1100/1450 lbs. slaughter steers 68.50-71.50, few 71.50-72.50, Choice & Prime 2-3 1100/1425 lbs. 72.00-74.00, couple 74.00&75, few Choice mostly 4, 1200/1475 lbs. 64.00-68.00, Select and low Choice 2-3, 1100/1450 lbs. 65.00-68.00. Breaking Utility & Commercial cows 2-3, 47.75-52.00, high dressing 52.00-53.50, Cutter & Boning Utility 1-2, bulk 46.50-51.00, high dressing 51.00-53.25, low dressing 45.00-46.50, Canner & Low Cutter, 42.50-46.25, low dressing 41.00-42.50. Yield Grade No. 1-2, 1320/ 2210 lbs. sl. bulls 58.75 & 62.00, few YG 1, 63.75-65.00.

CALVES 1067... Supply included 765 in graded sale of which 87% sold to return to farm ...Vealers steady. Couple low Choice 145/285 lbs. 86.00-92.00, High Good and low Choice 70/110 lbs. 48.00-60.00, Standard and low Good 55/75 lbs. 25.00-40.00. Farm Calves: No. 1, Holstein Bulls 115/125 lbs. 141.00-149, 100/105 lbs. 161.00-165.00, 95 lbs. 147.00, 80/95 lbs. 132.00-140, 80 lbs. 112.00-114.00, Small frame 100/115 lbs. 130.00-139, 90/95 lbs. 120.00-122, 80/85 lbs. 107.00-110.00; Hol. Heifers 100/120 lbs. 172.00-175.00, 80/95 lbs. 135.00-142.00.

SHEEP 6...Insufficient volume to fully test trend. - all per cwt.

GOATS 0...No market test - all per head.

Lancaster Livestock Auction

Wednesday's market report has been discontinued until further notice because of insubstantial receipts.

Frederick Livestock Auction

Frederick, Md.

Monday, December 9, 1991

Report Supplied by Auction

SLAUGHTER COWS: 1.00 HIGHER! UTILITY 48.00-51.00; HIGH DRESSING TO 51.50-53.75; CANNERS 44.00-48.00; SHELLY 44.00 DOWN.

BULLS: YG#1 NONE OFFERED; YG#2 1100-1600 LBS. 54.00-57.00.

FED STEERS: NO HIGH CHOICE; FEW SELECT 1100 LBS. 63.00-68.00.

FED HEIFERS: 1 LOW CHOICE 880 LBS. AT 63.00.

VEAL CALVES: CHOICE NONE; 1 GOOD 150 LB. AT 79.00; CULLS 85-110 LBS. 62.00-70.00; 50-80 LBS. 55.00-65.00; WEAK/ROUGH 50.00 DOWN.

FARM CALVES: HOLSTEIN BULLS #1 95-125 LBS. 125.00-148.00; FEW 130 LBS. 110.00-130.00; 80-90 LBS. 75.00-115.00; HOLSTEIN HEIFERS #1 95-125 LBS. 120.00-135.00; BEEF X BULLS AND HEIFERS 80-110 LBS. 125.00-155.00.

BUTCHER HOGS: LIGHT RUN, 2 HEAD 247 LBS. AT 42.25; 1275 LBS. AT 46.00; FEW 235-270 LBS. 38.00-38.50; 6 HEAD 198 LBS. AT 34.85.

SOWS: 5 HEAD. 2 HEAD 360 AND 450 LBS. 36.00 AND 38.00; 3 THIN 25.00-29.50.

BOARS: TO 24.25.

STOCK CATTLE: 70 HEAD. STEERS 300-450 LBS. 67.00-77.00; 800-975 LBS. 61.00-64.00; 1000-1050 LBS. 60.00-68.00.

HEIFERS: 300-500 LBS. 61.00-68.00; 500-700 LBS. 57.00-65.00; 700-800 LBS. TO 54.00.

BULLS: 300-500 LBS. 67.00-75.00; 500-700 LBS. 64.00-75.00; 700-900 LBS. 46.00-54.00.

SHEEP AND LAMBS: NONE OFFERED.

GOATS: 2 HEAD MEDIUM 40.00 AND 50.00.

PIGS AND SHOATS: 20 HEAD. BY THE HEAD 20-30 LBS. 17.00-26.00; 30-50 LBS. 26.00-36.00.

STOCK BOARS: BY THE LB. 285 LBS. AT 31.00.

SALES AT FREDERICK WILL CONTINUED AS USUAL THROUGHOUT THE HOLIDAY SEASON.

New Holland Livestock Auction

Lancaster, Pa.

Thursday, December 12, 1991

	Cattle	Calves	Sheep	Goats
Today	1126	690	311	165
Last Thursday	1163	816	116	87
Last Year	824	603	317	91

CATTLE: Slaughter steers 1.00-2.00 lower; cows weak to 1.00 lower; slaughter heifers, bullocks and bulls scarce. Supply includes 36% slaughter steers and 44% cows.

SLAUGHTER STEERS: Choice 2-4 1100-1450 lb 66.00-70.00, few 70.00-71.25; Choice 2 to mostly 3 1175-175 lb 70.00-72.25; Choice mostly 3 1450-1575 lb 63.75-68.00; Choice 3 to mostly 4 1175-1500 lb 61.75-66.00, some 4-5 1450- 1575 lb 58.50-62.00; Select and low Choice 2-3 1100-1400 lb 63.00-66.50, few 66.50-67.85; Select 2-3 1100-1375 lb 58.00-63.00.

HOLSTEINS: Few high Choice and Prime 1400-1450 lb 61.60-63.00; Choice 1350- 1650 lb 59.25-60.25, few 1700-1850 lb 58.50-58.85; Select 1200-1500 lb 57.75-59.00.

SLAUGHTER HEIFERS: Select and low Choice 2-3 980-1165 lb 60.00-62.50; few Choice 2-3 950-1150 lb 62.25-65.75; few Select and Choice 925-1150 lb Holsteins 52.00-55.50.

COWS: LO DRESSING BULK HI DRESSING Breaking Utility & Commercial 2-3 49.00-51.75. Commercial 3-4 44.50-47.50. Cutter & Boning Utility 1-2 44.50-46.00 46.00-49.00 49.00-51.50. Canner and low Cutter 39.00-42.00 42.50-45.00.

BULLS: Couple yield grade 1 1400-1800 lb 63.75-64.75, couple 1760-2205 lb 67.25-70.00; Yield grade 2 1050-1500 lb 59.25-61.75.

CALVES: Vealers steady. Demand good for Holstein bulls and heifers to return to farm.

VEALERS: Few Choice 165-370 lb 87.00-99.00, couple 106.00-109.00; high Good and low Choice 165-380 lb 74.00-85.00, 80-110 lb 55.00-65.00; few Good 170- 350 lb 48.00-65.00; Standard and low Good 50-80 lb 40.00-55.00.

RETURNED TO FARM: Bulk 95-125 lb Holstein Bulls 130.00-165.00, few 165.00- 172.00; small frame 95-115 lb 95.00-125.00, 80-95 lb 70.00-100.00; few 100- 120 lb Holstein heifers 115.00-145.00, couple 150.00-180.00; small frame 80- 110 lb 70.00-105.00.

SHEEP: Wooled lambs and slaughter ewes fully steady.

WOOLED: Choice 75-95 lb 57.00-63.00, few 50-70 lb 77.00-90.00; few Choice 45- 55 lb New Crop Lambs 90.00-122.00, few 35-45 lb 130.00-147.00.

SLAUGHTER EWES: Utility and Good 20.00-30.00; Yearlings and two-year olds 32.00-45.00.

GOATS: All goats sold by the head. Large 70.00-95.00, couple 112.00-120.00; Medium 44.00-68.00; few Small 25.00-40.00.

Lancaster County Weekly

Lancaster, Pa.

Friday, December 13, 1991

	Cattle	Calves
This Week	3200	1830
Last Week	3259	1943
Last Year	3160	1507

CATTLE: Slaughter steers closed 1.00-2.00 lower; slaughter heifers firm, instances 1.00 higher although not fully tested after Monday; cows very uneven during the week, closing weak to 1.00 lower; bullocks scarce; bulls steady. Supply included 36% slaughter steers, 10% slaughter heifers, 38% cows, 4% bulls, with the balance feeders.

SLAUGHTER STEERS: Choice 2-4 1100-1450 lb 66.00-70.00, several early part of week 71.00-72.50; few High Choice and Prime 2-3 early part of week 72.00- 74.00; Choice mostly 3 1450-1575 lb 63.75-68.00; Choice 3 to mostly 4 1175-1500 lb 61.75-66.00, some 4-5 1450-1575 lb 58.50-62.00; Select and low Choice 2-3 1100-1400 lb 63.00-67.00, few 67.00-68.00; Select 2-3 1100-1375 lb 58.00- 63.00.

HOLSTEINS: High Choice and Prime 1200-1625 lb 61.60-66.00, few 1635-1820 lb 60.60-61.25; Choice 1300-1625 lb 59.25-62.25, few 1700-1850 lb 58.50-58.85; Select 1200-1550 lb 57.50-60.00.

SLAUGHTER HEIFERS: Choice 2-3 975-1300 lb 64.50-68.75; few Choice 2 1100- 1325 lb 68.75-70.50; load Choice and Prime 3-4 1360-1525 lb 67.75-69.00; Choice 2-3 890-965 lb 61.75-64.75; Select 2-3 950-1225 lb 61.00-64.50.

COWS: LOW DRESSING BULK HIGH DRESSING Breaking Utility & Commercial 2-3 48.50-51.75 51.75-53.50 Commercial 3-4 44.50-47.50 Cutter and Boning Utility 1-2 44.50-46.00 46.00-49.50 49.50-53.25 Canner and low Cutter 39.00-42.00 42.50-46.00.

BULLOCKS: Couple Choice 2-3 1250-1350 lb 67.75-69.75; couple Select 1-3 1050-1275 lb 62.25-65.25.

BULLS: Yield grade 1 1250-2200 lb 63.00-66.25, few 67.25-72.50; Yield grade 2 1000-1500 lb 59.00-63.00.

CALVES: Vealers steady; slaughter calves 5.00-8.00 higher. Demand good for Holstein bulls and heifers to return to farm.

VEALERS: Choice 165-370 lb 87.00-99.00, few 106.00-125.00; high Good and low Choice 165-380 lb 74.00-92.00, 70-110 lb 48.00-65.00; Standard and low Good 50-80 lb 40.00-55.00, few 25.00-40.00.

SLAUGHTER CALVES: Good and Choice 300-460 lb 70.00-80.00.

RETURNED TO FARM: Bulk 95-125 lb Holstein bulls 130.00-165.00, few 165.00- 172.00; small frame 95-115 lb 95.00-130.00 few 130.00-140.00, 80-95 lb 70.00- 110.00. Bulk 100-125 lb Holstein heifers 115.00-145.00, few 150.00-180.00; small frame 80-110 lb 70.00-105.00.

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AUCTIONS
MONDAY
9:00 A.M. - Slaughter Bulls, Heifers, Steers, Cows
10:00 A.M. - Goats, Veal Calves, Lambs
12 Noon - Slaughter Hogs
WEDNESDAY
8:00 A.M. - Slaughter Hogs
10:00 A.M. - Slaughter Bulls, Heifers, Steers, Cows
11:00 A.M. - Veal Calves, Lambs
FRIDAY
11:00 A.M. - Stocker and Feeder Cattle
SATURDAY
8:00 A.M. - Slaughter Hogs

Next Graded Feeder Cattle Sale
Friday, Dec. 20 - 11:00 A.M.
HOLIDAY SCHEDULE
Closed Christmas Day & New Year's Day, Dec. 25 & Jan. 1

LANCASTER STOCKYARDS, INC.
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AGRICULTURE'S LEADING EDGE FFA

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Every Friday At 11 AM
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1 mile North of Ephrata on N. State St.
Out of State Buyers - Cash or Certified Check Only

VINTAGE SALES STABLES, INC.
TUESDAY
11:00 A.M.
SLAUGHTER CATTLE AUCTION — STEERS, BULLS, HEIFERS, COWS, FEEDER CATTLE
7:30 P.M.
CALVES, SHEEP, GOATS
* GET CALVES IN EARLY — OUR STATE GRADER STARTS AT 1:00 P.M.
L. ROBERT FRAME, SR., PRESIDENT
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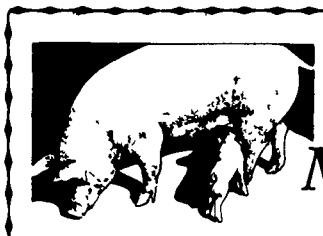

Hog Markets

State Graded Feeder Pig Sale

at Westminster
Livestock Auction
December 6, 1991

705 PIGS, 3 WEEKS AGO 876. COMPARED WITH OUR LAST SALE 40-70 LB. PIDS WERE 5.00-12.00 HIGHER. LIGHTWEIGHTS SOLD 15.00-25.00 HIGHER.

GRADE 1&2: 82 HD. 35-44 LBS. 80.00-90.50; 180 HD. 46-55 LB. 70.00-81.00; 172 HD. 56-63 LB. 65.00-75.00; 154 HD. 65-71 LB. 65.00-74.00; 44 HD. 79-81 LB. 59.00; 26 HD. 92-110 LBS. 47.00-54.00.

GRADE 2: 7 HD. 16 HD. 26-29 LBS. 85.00-100.00; 5 HD. 35 LBS. 94.00; 16 HD. 40-42 LBS. 72.00-72.75.

NEXT GRADED SALE FRIDAY, DEC. 20, 1:30 P.M.

Lancaster Hogs

Lancaster Stockyards
Sat., Dec. 7, 1991
Report supplied by auction

575 HEAD.
US 1 215-245 LBS. 42.00-43.25.
US 1-2 215-245 LBS. 40.50-41.75.
US 1-3 215-245 LBS. 39.50-40.50.
US 2-4 215-255 LBS. 37.00-39.00.
LIGHTWEIGHT HOGS: 195-210 LBS. 36.50-38.50; 180-195 LBS 33.00-37.00; 120-180 LBS. 30.00-38.50; 80-120 LBS. 40.00-60.00; 50-80 LBS. 50.00-75.00; 30-50 LBS. 50.00-75.00.

GOOD SOWS: 28.00-30.00; MEDIUMS 25.00-28.00; THIN SOWS: 23.00-25.00.

HEAVY BOARS 23.00-24.50.

New Holland Feeder Pigs

New Holland, PA
Wed., December 11, 1991
Report Supplied by Auction

1436 HEAD.

1'S AND 2'S, 20-29 LBS. 147.00-168.00; 30-39 LBS. 90.00-97.00; 40-49 LBS. 84.00-90.00; 50-59 LBS. 80.00-88.00; 60-69 LBS. 75.00-80.00.

2'S AND 3'S, 20-29 LBS. 144.00-146.00; 30-39 LBS. 90.00-94.00; 40-49 LBS. 80.00-84.00; 50-59 LBS. 75.00-80.00; 60-69 LBS. 60.00-69.00.

New Holland Hog Auction

Lancaster, Pa.
Monday, December 9, 1991
Lancaster, Pa.

Hog Receipts:

Today	1292
Last Monday	604
Last Year	684

TREND: Compared to last Monday barrows and gilts steady, instances 50 lower.

BARROWS AND GILTS: US 1-2 210-245 lb 41.00-42.00.

US 1 210-235 lb 42.35-43.50, One lot 44.50.

Indiana Hogs

Dec. 11, 1991

HOGS 51

BARROWS AND GILTS: MOSTLY 1.00 INSTANCES 1.50 DEMAND LIGHT. LOWER. COUNTRY: PLANTS: US 1-2 220-260 LBS. 37.25-39.00, 37.75-39.00 MOSTLY 37.50-38.50. 210-220 LBS. 35.00-37.00 US 1-3 220-260 LBS. 36.00-38.00

SOWS: UNDER 500 LBS. 1.00-2.00 LOWER; OVER 500 LBS. 2.00-3.00 LOWER.

US 1-3 300-500 LBS. 22.00-26.00, FEW TO 27.00.

500-650 LBS. 23.00-27.00

**INDIANA DIRECT RECEIPTS:

TUESDAY'S ACTUAL 23,000 TODAYS ESTIMATE 23,000 WEDNESDAY WEEK AGO 21,500 WEDNESDAY YEAR AGO 15,800 WEEK TO DATE 73,300 SM PD WEEK AGO 73,900 SM PD YEAR AGO 51,100

**RECEIPTS FOR A YEAR AGO WILL NOT COMPARE TO THIS WEEK DUE TO A CHANGE IN THE REPORTING BASE.

CARCASS BASIS HOG PRICES: HOT WEIGHTS: PLANT DELIVERED. 160-185 LBS. BARROWS AND GILTS: 1.00-1.85 LOWER.

US 1 (BACKFAT THICKNESS .50-.79 IN.) 54.38 TO 58.00 US 1 (BACKFAT THICKNESS .80-.99 IN.) 53.08 TO 54.91 US 2 (BACKFAT THICKNESS 1.00-1.24 IN.) 51.50 TO 53.61 US 3 (BACKFAT THICKNESS 1.25-1.49 IN.) 50.50 TO 52.50 US 4 (BACKFAT THICKNESS 1.50-1.79 IN.) 47.93 TO 51.03

ACTUAL PAYING PRICE MAY NOT ALWAYS BE WITHIN PRICE RANGES AS ADJUSTMENTS ARE MADE FOR SUPERIOR OR INFERIOR MUSCLING AND BACKFAT THICKNESS WITHIN THE GRADES.

St. Louis Cattle, Hogs

Dec. 12, 1991

CATTLE & CALVES: 800 (0 SLTR, 800 FDRS)

RECEIPTS CONSISTS OF FEEDER CATTLE AND SLAUGHTER COWS AND BULLS FOR THE REGULAR THURSDAY AUCTION. NO SALES REPORTED ON THE TERMINAL MARKET.

SLAUGHTER CLASSES: COWS: CUTT, UTIL, COMM BULK SALES HI-DRESS % LO-DRESS % BREAKING 2-4 BONING 1-2 LOW TO AVG. CUTTER

RECEIPTS THIS WEEK 1,900: WEEK AGO 1,500: YEAR AGO 1,900

COMPARED WITH LAST WEEK'S TERMINAL MARKET CLOSE, SLAUGHTER STEERS AND HEIFERS MOSTLY .50 LOWER, EXCEPT HOLSTEIN STEERS FULLY 1.00-2.00 HIGHER. COWS AND BULLS FULLY STEADY. SLAUGHTER SUPPLY MAINLY CHOICE STEERS AND HEIFERS WITH SEVERAL LOTS 3-4 STEERS OVER 1350 LBS., MODERATE HOLSTEIN STEERS AND AROUND 10% COWS.

Hay & Grain Markets

Regional Hay

December 9, 1991
Eastern, Pa.

HAY & STRAW MARKET FOR EASTERN PA - (ALL HAY NO. 2 AND BETTER, PRICES PAID BY DEALERS AT THE FARM & PER TON). HAY AND STRAW FULLY STEADY.

ALFALFA 90.00-115.00; MIXED HAY 80.00-110.00; TIMOTHY HAY 75.00-110.00; STRAW 50.00-85.00; MULCH 20.00-40.00.

SUMMARY OF LANCASTER CO. HAY AUCTIONS FOR WEEK ENDING 12/6/91. PRICES PER TON: LOADS: 191 HAY, 58 STRAW, AND 13 EAR CORN.

ALFALFA 95.00-151.00; MIXED HAY 92.00-145.00; TIMOTHY HAY 99.00-137.00; STRAW 69.00-107.00; EAR CORN 92.00-109.00.

SUMMARY OF CENTRAL PA. HAY AUCTIONS FOR WEEK ENDING 12/6/91. PRICES PER TON: LOADS: 95 HAY, 13 STRAW & 8 EAR CORN.

ALFALFA 88.00-170.00; MIXED HAY 75.00-132.50; TIMOTHY HAY 91.00-122.50; STRAW 62.00-95.00; EAR CORN 89.00-110.00.

Green Dragon Hay

Ephrata, Pa.
Friday, December 6, 1991
Report Supplied by Auction

TOTAL LOADS: 107.
MIXED HAY: 98.00-145.00.
ALFALFA: 92.00-177.00.
TIMOTHY: 112.00-145.00.
STUBBLE HAY: 70.00-122.00.
ORCHARD GRASS: 101.00.
STRAW: 69.00-97.00.
EAR CORN: 94.00-107.00.
FIREWOOD: 47.00-150.00 LOAD.
PAPER: 43.00.

Greencastle Hay Market

Hay & Straw
Dec. 5 & 9, 1991

54 LOADS.
ALFALFA (GOOD) 120.00-162.00.
ALFALFA (FAIR) 100.00-120.00.
ALFALFA MIXED 110.00-143.00.
TIMOTHY HAY 100.00-125.00.
MIXED HAY 77.50-117.50.
ORCHARD GRASS 96.00-111.00.
BROME GRASS 107.00-127.00.
WHEAT STRAW: 77.50-83.00.
BARLEY STRAW: 92.50.

Peoria Hogs

Peoria, IL
Dec. 12, 1991

HOGS: 1600 TRADING MODERATE. BARROWS AND GILTS STEADY TO .50 HIGHER COMPARED WITH WEDNESDAY. SUPPLY MAINLY US 1-3 230-260 LBS.

US 1-3 220-250 LBS. 39.00-39.50 2-3 230-260 LBS. 38.00-39.00, SOME 37.50

SOWS: 1.00 TO 1.50 LOWER 24%

US 1-3 325-500 LBS. 26.50-27.00 500-650 LBS. 26.50-27.50

Pa. Grain

Dec. 9, 1991
Report supplied by PDA

COMPARED WITH LAST MONDAY'S MARKET FOR SOUTHEASTERN, CENTRAL, AND SOUTH CENTRAL PA: CORN MOSTLY; WHEAT STEADY TO .15 HIGHER; BARLEY STEADY; OATS STEADY TO .05 HIGHER; SOYBEANS STEADY TO .05 LOWER; EAR CORN STEADY TO STRONG.

SOUTHEASTERN PENNSYLVANIA

CORN NO. 2-Y RANGE 2.60-2.90, AVERAGE 2.77; @WHEAT NO. 2 RANGE 3.60-4.10, AVERAGE 3.85, FEW REPORTED CONTRACT FOR HARVEST 3.12-3.33; BARLEY NO. 3 RANGE 1.90-2.15, AVERAGE 2.00; FEW REPORTED CONTRACT FOR HARVEST 1.65; OATS NO. 2 RANGE 1.50-1.80, AVERAGE 1.68; SOYBEANS NO. 1 RANGE 5.30-5.55, FEW REPORTED 5.65, AVERAGE 5.45; FEW REPORTED GR. SORGHUM #2 RANGE 2.50, AVERAGE 2.50; FEW REPORTED EAR CORN RANGE 66.00-90.00, AVERAGE 76.07.

SOUTH CENTRAL PENNSYLVANIA

CORN NO. 2-Y RANGE 2.75-2.90, AVERAGE 2.84; @WHEAT NO. 2 RANGE 2.90-3.85, MOSTLY 3.35-3.50, AVERAGE 3.40; BARLEY NO. 3 RANGE 1.90-2.15, AVERAGE 2.00; OATS NO. 2 RANGE 1.20-1.75, AVERAGE 1.48; FEW REPORTED SOYBEANS NO. 1 RANGE 5.35-5.40, AVERAGE 5.38; FEW REPORTED EAR CORN RANGE 75.00-86.00, AVERAGE 81.00.

SOUTHEASTERN, CENTRAL & SOUTH CENTRAL SUMMARY

CORN NO. 2-Y RANGE 2.60-2.90, AVERAGE 2.81; @ WHEAT NO. 2-Y RANGE 3.25-4.10, AVERAGE 3.59; BARLEY NO. 3 RANGE 1.80-2.15, AVERAGE 1.99; OATS NO. 2 RANGE 1.40-1.80, AVERAGE 1.60; SOYBEANS NO. 1 RANGE 5.20-5.55, AVERAGE 5.41; FEW REPORTED EAR CORN RANGE 65.00-90.00, AVERAGE 76.58.

CENTRAL PENNSYLVANIA

CORN NO. 2-Y RANGE 2.80-2.95, AVERAGE 2.85; @WHEAT NO. 2 RANGE 2.90-4.05, MOSTLY 3.25-3.75, AVERAGE 3.39; BARLEY NO. 3 RANGE 1.70-2.15, AVERAGE 1.94; OATS NO. 2 RANGE 1.50-1.75, AVERAGE 1.58; SOYBEANS NO. 1 RANGE 5.20-5.40, FEW REPORTED 5.75, AVERAGE 5.37; FEW REPORTED GR. SORGHUM #2 RANGE 3.00, AVERAGE 3.00; FEW REPORTED PER HUNDRED WEIGHT RECLEANED 15% BUCKWHEAT RANGE 8.15, AVERAGE 8.15; FEW REPORTED EAR CORN RANGE 65.00-75.00, FEW REPORTED 85.00, AVERAGE 73.33.

WESTERN PENNSYLVANIA

CORN NO. 2-Y RANGE 2.50-2.85, AVERAGE 2.63; @WHEAT NO. 2 RANGE 3.28-3.85, AVERAGE 3.22; BARLEY NO. 3 RANGE 1.90-1.96, AVERAGE 1.93; OATS NO. 2 RANGE 1.30-1.70, FEW REPORTED 1.10, AVERAGE 1.49, FEW REPORTED SOYBEANS NO. 1 RANGE 5.25, AVERAGE 5.25; FEW REPORTED PER HUNDREDWEIGHT RECLEANED 15% BUCKWHEAT NO. 1 RANGE 9 00, AVERAGE 9.00; FEW REPORTED EAR CORN RANGE 55.00-56.00, AVERAGE 55.50.

MONTH AGO

CORN NO. 2-Y 2.80; @WHEAT NO. #2-Y 3.32; BARLEY NO. 3 1.92; OATS NO. 2 1.54; SOYBEANS NO. 1 5.37; FEW REPORTED EAR CORN 71.59.

YEAR AGO

CORN NO. 2-Y 2.37; @WHEAT NO. #2-Y 2.67; BARLEY NO. 3 2 02; OATS NO. 2 1.39; SOYBEANS NO. 1 5.57; FEW REPORTED EAR CORN 59.00.

Frederick Co. Hay

Buckeystown, Md.
Thuraday, December 12, 1991
Report Supplied by Auction

39 LOADS. CLOUDY; MARKET STEADY TO STRONG.

ALFALFA: 7 LOADS FAIR TO GOOD 140.00-165.00, 5 FAIR 100.00-130.00.

ALFALFA MIX: 6 LOADS FAIR TO GOOD 100.00-145.00.

TIMOTHY HAY: 7 LOADS FAIR TO GOOD 112.00-143.00.

TIMOTHY AND ORCHARD GRASS: 4 LOADS FAIR TO GOOD 107.00-138.00, 1 DARK 75.00.

MIXED HAY: 4 LOADS GOOD 80.00-97.00.

STRAW: 1 DARK 65.00.

WOOD: 2 LOADS GOOD OAK 70.00 AND 76.00 CORD 2 SMALL LOADS 58.00 AND 59.00.00 CORD.

Leinbach's Hay

Shippensburg, PA
December 7 and 10
Report Supplied by Auction

TOTAL LOADS: 80.
ALFALFA: 90.00-172.00.
MIXED HAY: 82.00-133.00.
TIMOTHY: 80.00-116.00.
CLOVER: 122.00.
BROME GRASS: 91.00-177.00.
ORCHARD GRASS: 80.00-117.00.
STRAW: 70.00-81.00.
EAR CORN: 90.00-121.00.
OATS: 2.50 BU.
WOOD: 23.00-35.00 LOAD.

Keister's Hay

Middleburg, PA
Tuesday, December 10
Report supplied by auction

59 LOADS OF HAY.
ALFALFA: 110.00-165.00.
MIXED HAY: 75.00-140.00.
STRAW: 14 LOADS, 85.00-100.00.
EAR CORN: 5 LOADS, 100.00-132.50.
OATS 1 LOAD, 2.70 BU.
WOOD: 14 LOADS, 22.50-60.00 LOAD.

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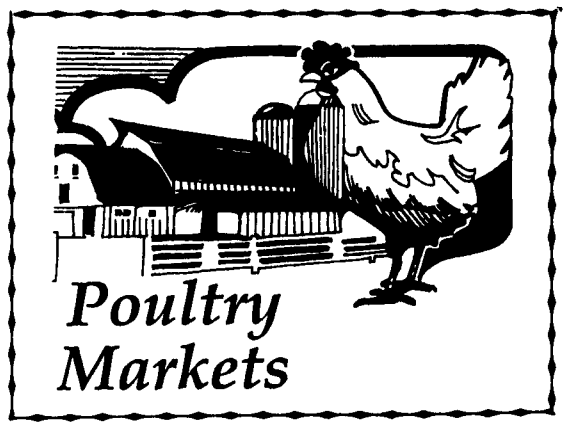

Hackettstown Poultry & Egg

Hackettstown, N.J.
Tuesday, December 10, 1991
Report Supplied by Auction

HEAVY FOWL: .25-.65.
MIXED FOWL: .50.
BANTAMS, PER LB.: .70-3.00.
ROASTERS: .50.
FRYERS: .45.
PULLETS: .55.
BUNNIES: 1.05-5.00 EACH.
ROOSTERS: .40-1.05.
GEESE: .10-.45.
TURKEYS: .20-.50.
DUCKS: .10-.80.
RABBITS: .55-1.25.
PIGEONS, EACH: 1.20-2.40.
GUINEAS: 1.60-1.70.

WHITE EGGS: EXTRA LARGE & JUMBO .64-.90; LARGE .58-.84; MEDIUM .48-.67.

BROWN EGGS: EXTRA LARGE & JUMBO .81-.97; LARGE .66-.77; MEDIUMS .51-.68.

National Egg Market

Dec. 11, 1991

The market tone was generally fully steady to firm. Demand ranged fair to good throughout most areas. Retail promotional activity was spotty but created additional interest. Breakers continued to work as close as possible to needs. Finished product sales were difficult. Sentiment was cautious.

N.E. Chicken Parts

Dec. 11, 1991

Supplies of boneless skinless breast cutlets were adequate for trade needs with the low side of today's price range reflecting lower costs for raw materials. Line run breasts were fully adequate to ample. Some trucklot volumes traded at 66-68 cents; and buyers were very cautious. Leg quarters traded at steady prices but additional supplies were offered at competitive prices and slow to clear. Wings were available at current prices.

TODAY'S NEGOTIATED SALES AS OF 11:30 A.M.
, 11-DEC-91 PRICES PAID PER POUND, ICE PACKED PARTS DELIVERED IN POOL TRUCKLOT AND TRUCKLOT QUANTITIES

ITEM CURRENT NEGOTIATED TRADING

BREAST - BONELESS SKINLESS 160-165 BREAST - WITH RIBS 70-71 BREAST - LINE RUN 69-70 LEGS 34-35 LEG QUARTERS 23-24 THIGHS 33-34 DRUMSTICKS 28-29 WINGS 54-55 BACKS AND NECKS (STRIPPED) 10-12 LIVERS 15-20 GIZZARDS (HEARTS) 45-50

Includes New York City Metropolitan area, Northern New Jersey, Massachusetts, Connecticut and Rhode Island.

Eastern NJ & PA Poultry

Dec. 10, 1991

Sales too few to report prices. Current offerings limited although increased availability was noted for next week. Demand fair but buyers showing increased caution. Undertone unsettled to weak.

CENTS PER LB., DAY OF NEGOTIATION, GENERALLY FOR SLAUGHTER THE FOLLOWING WEEK.

LIGHT TYPE AT FARM (PRODUCER LOADING) TOO FEW TO REPORT FOB PLANT TOO FEW TO REPORT

HEAVY TYPE (7LBS & UP): AT FARM (BUYING LOADING) TOO FEW TO REPORT AT FARM (PRODUCER LOADING) TOO FEW TO REPORT FOB PLANT TOO FEW TO REPORT

Weekly New York Egg Market Northeast Quotes

From Fri., December 6 to Thurs., December 12

	FRI.	MON.	TUES.	WED.	THURS.
WHITE					
JUMBO	.93	.93	.93	.94	.94
EX. LARGE	.89	.89	.90	.91	.92
LARGE	.84	.84	.85	.86	.87
MEDIUM	.71	.71	.72	.74	.75
PULLETS	.61	.61	.62	.64	.64
OFF GRADE	.72	.72	.73	.74	.75
BROWN					
EXTRA LARGE	.98	.98	.99	.99	.99
LARGE	.93	.93	.94	.94	.94
MEDIUM	.83	.83	.84	.84	.84
OFF GRADE					
UNDERGRADES					
AND CHECKS	.30	.30	.30	.31	.31

BREAKING STOCKS: FRI. 48-50 LBS. 43.00-45.00, 50 LBS. AND UP 45.00-47.00; WED. 48-50 LBS. 44.00-46.00, 50 LBS. AND UP 46.00-48.00; THURS. 50 LBS. AND UP 47.00-48.00.

Delmarva Broiler Fryer

Dec. 11, 1991

Movement of ready-to-cook broiler fryers was fair to fairly good, and somewhat better than expected for mid-week trading. Supplies were adequate to fully adequate. Less than trucklot asking prices were unchanged at 45 - 55 cents. Live supplies were adequate. Average live weights were in a full range. Processing schedules were heavy. Trade sentiment was generally steady. In the parts complex, supplies of wings were irregularly distributed and were at least adequate, boneless skinless breast, and leg items were adequate to fully adequate, whole breast ranged adequate to ample, with some competitive pricing being noted.

ESTIMATED SLAUGHTER OF BROILER/FRYERS IN DELMARVA (000)

ESTIMATED ACTUAL AVG. WEIGHT ACTUAL AVG. WEIGHT
12/11 12/09 12/09 12/04 12/02
2,167 1,698 4.70 2,143 4.73

BROILER/FRYER CURRENT NEGOTIATED PRICES FOR IMMEDIATE DELIVERY INCLUDES MOSTLY MULTIPLE-DROP SHIPMENTS OF BRANDED AND WING TAGGED TO NEW YORK CITY FROM DELMARVA

BRANDED U.S. GRADE A RANGE 43-55 WEIGHTED AVERAGE 48.66 NO. OF BOXES 12,085

Heinsey's Poultry

Roots, E. Petersburg
Dec. 10, 1991

Banty Hens 1.00 - 2.25 ea.
Banty Roosters 2.00 - 4.50 ea.
Bunnies 1.00 - 2.25 ea.
Crossbred Fowl 5-9 .40 - .56.
Crossbred Roosters 4-6 .40 - .72.
Crossbred Roosters 7-13 .30 - .62.
Doves 2.00 - 2.50 ea.
Geese 9-16 .60 - .94.
Guinea Fowl .75 - .95.
Guinea Pigs 1.50 - 4.50 ea.
Guinea Pigs 27.00 - 52.00 ea.
Leghorn Hens .15 - .22.
Muscovy Ducks - Drakes .40 - .54.
Muscovy Ducks - Hens .60 - .74.
Pekin Ducks .30 - .46.
Pigeons 1.25 - 1.60 ea.
Rabbits 4-6 .90 - 1.20.
Rabbits 7-11 .80 - 1.00.
Red Fowl 4-4.5 .40 - .54.
Red Fowl 5-6 .50 - .64.
Silkies 4.00 - 5.50 ea.
White Pigeons 2.00 - 2.75 ea.
Total Coops Sold 846.

New York Eggs

Dec. 11, 1991

Prices continued their upward trend. Trade sentiment was cautiously steady. Cartoned egg demand was fair to instances good. Supplies were currently in good balance for trade needs.

PRICES TO RETAILERS, SALES TO VOLUME BUYERS, USDA GRADE A AND GRADE A, WHITE EGGS IN CARTONS, DELIVERED STORE DOOR, CENTS PER DOZEN.

RANGE EXTRA LARGE 84-86 LARGE 81-84 MEDIUM 69-72

New York & Philadelphia Frozen Eggs

Tuesday, December 10, 1991

Prices were generally unchanged under a mostly steady but cautious trade sentiment. Trading activity was limited and usually of a fill-in type nature. Raw materials were fully adequate with several reports of product being offered into grading channels. Floor stocks were sufficient to handle current trade requirements.

WHOLESALE SELLING PRICES (CENTS PER POUND IN 30 LB. CONTAINERS) TRUCKLOTS LTL (MIN. 25 CONT.) RANGE MOSTLY RANGE WHOLE 52-54 53-54 55-60 BLEND (/) 60-70 WHITES 36-39 37-38 39-48 SUGARED YOLKS (MIN 43% SOLIDS) 62-66 63-64 67-77 SALTED YOLKS (MIN 43% SOLIDS) 58-62 59-60 62-69 (/) - WHOLE PLUS YOLK PLUS SWEETENER, GENERALLY 28-32% EGG SOLIDS.

N.E. Weekly Shell Egg Report

Tuesday, December 10
Report Supplied by USDA

PRICES PAID PER DOZEN GRADE "A" BROWN EGGS IN CARTONS DELIVERED TO RETAIL STORES:

	EX. LARGE	LARGE	MEDIUM	SMALL
N HAMP.	1.08-1.12	1.04-1.08	.90-.94	.52-.56
MOSTLY	1.10-1.11	1.06-1.07	.92-.93	.54-.55
RHODE ISLAND	1.11-1.15	1.07-1.11	.93-.97	.55-.59
MOSTLY	1.11	1.07	.93	.55
VERMONT	1.15-1.18	1.10-1.16	.92-1.00	
MOSTLY	1.18	1.14	1.00	
MAINE	1.15	1.11	.97	.59

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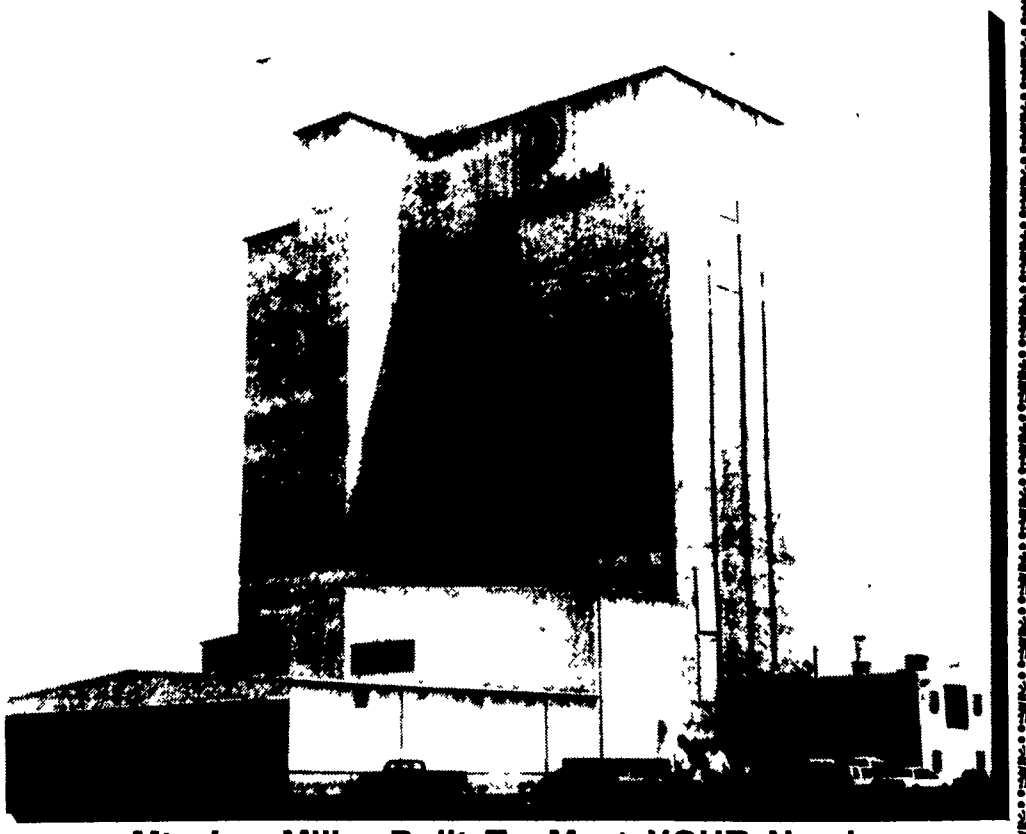

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* Feed Prices For Week of Dec. 16 and Subject to Change Weekly With Grain Market
Includes 8 ton volume discount and cash discount of 2½ % due 15th following month. Deduct additional $3.00 per ton if paid in 10 days.

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Pennfield guarantees that your cows will readily eat the Elite 20% TOP-DRESS PELLETS or Pennfield will remove the feed at their expense and refund the price of the unused feed.

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For More Information — Call Toll Free
PA 1-800-732-0467 Outside PA 1-800-233-0202

pennfield feeds

Quality - Service - Value

National Grain Market

St. Joseph, MO
Dec. 11, 1991

WHEAT PRICES SHARPLY HIGHER; CORN AND BEAN PRICES MIXED WEDNESDAY, AWAITING USDA'S CROP PRODUCTION REPORT, DUE OUT THIS AFTERNOON. WHEAT 1 TO 9 CENTS HIGHER. CORN MIXED. SORGHUM STEADY TO 2 CENTS HIGHER. SOYBEANS MIXED. WHEAT PRICES SHARPLY HIGHER ON NEWS OF USSR BEING TARGETED FOR 1.0 MILLION TONNES OF EXPORT BONUS WHEAT AND RECENT VERY GOOD EXPORT SALES. LATE FUND BUYING AHEAD OF USDA'S SUPPLY AND DEMAND REPORT ALSO BOOSTED WHEAT PRICES. CORN PRICES FINISHED MIXED WITH SOME SUPPORT STEMING FROM HIGHER WHEAT PRICES. BEAN PRICES ALSO MIXED BUT GOOD EXPORT DEMAND FROM USSR AND SPILLOVER SUPPORT FROM SOYOIL ADDED STRENGTH TO PRICES. CONCERNS ABOUT USSR'S FATE CONTINUES TO AFFECT PRICES.

EXPORT NEWS: SALES OF 232,000 METRIC TONS HARD RED WINTER AND 30,000 TONNES HARD RED SPRING WHEAT TO UNKNOWN DESTINATION FOR 91/92 MARKETING YEAR. PURCHASES FROM FOREIGN SELLERS OF 232,000 METRIC TONS HARD RED WINTER AND 30,000 TONNES HARD RED SPRING TO UNKNOWN DESTINATION FOR 91/92 MARKETING YEAR. USSR BOUGHT 255,000 TONNES U.S. WHEAT UNDER EXPORT BONUS PROGRAM. WEST AND CENTRAL AFRICAN NATIONS BOUGHT 1,000 TONNES U.S. WHEAT FLOUR UNDER EXPORT BONUS. USSR BOUGHT 100,000 METRIC TONS SOYBEANS FOR 91/92 MARKETING YEAR UNDER THE SECOND YEAR OF THE LONG TERM GRAIN AGREEMENT.

DATE CHANGE YEAR AGO 12/11/91 12/10/91 12/12/90 WHEAT: KANSAS CITY 3.96-3.98 UP 5 2.72-2.75 MINNEAPOLIS 3.99 3/4-4.07 3/4 UP 5 2 79 3/4-2.85 3/4 PORTLAND 4.50-4.53 UP 2-1 2.85-2.89 ST. LOUIS 3.61-3.68 UP 9 2.72-2.75

CORN, U.S. NO. 2 YELLOW: KANSAS CITY 2.47-2.49 NC 2.37-2.40 MINNEAPOLIS 2.23 UP 1/4 2.24 1/4 SO. IOWA 2.38-2.43 DN 1-NC 2.33-2.37 OMAHA 2.28-2.31 NC 2.22-2.25

SOYBEANS, NO. 1 YELLOW: KANSAS CITY 5.56-5.59 NC 5.95-6.00 MINNEAPOLIS 5.30 1/4 UP 1/4 5.84 3/4 SO. IOWA 5.42-5.49 UP 1-DN 1 5.94-5.99 C. ILL. PROCESSORS 5.54 1/2-5.62 1/2 DN 3 1/2-1/2 6.04-6.09

*KANSAS CITY, US NO. 1 HARD RED WINTER WHEAT, ORDINARY PROTEIN. MINNEAPOLIS, US NO. 1 DARK NORTHERN SPRING WHEAT, 14% PROTEIN. PORTLAND, NO. 1 SOFT WHITE WHEAT, ST. LOUIS, NO. 2 SOFT RED WINTER WHEAT.

FUTURES CLOSE: KANSAS CITY (MAR) WHEAT 3.83 3/4 UP 4 3/4 2.68 3/4 MINEAPOLIS (MAR) WHEAT 3.69 3/4 UP 5 2.63 3/4 CHICAGO (MAR) WHEAT 3.83 1/4 UP 5 3/4 2.67 (MAR) CORN 2.47 UP 1/4 2.39 1/4 (JAN) SOYBEANS 5.48 1/4 UP 1/4 5.96 3/4

EXPORT: BARGE OR RAIL, PORT OF NEW ORLEANS OR NORTH TEXAS GULF. NO. 1 HARD RED WINTER WHEAT ORDINARY PROTEIN 4.30-4.31 UP 5 3.10-3.14 NO. 2 SOFT RED WINTER WHEAT 4.26-4.27 UP 4 2.97-3.00 NO. 2 YELLOW CORN 2.69-2.70 UP 3 2.58-2.64 NO. 2 YELLOW SORGHUM RAIL 4.84 UP 1 BARGE 4.83 UP 1 4.63-4.59 NO. 2 YELLOW SOYBEANS 5.80 UP 1-NC 6.25-6.28.

Belleville Hay

Wednesday, December 11
Belleville, PA
Report Supplied by Auction

TOTAL LOADS: 68.
ALFALFA: 112.50-160.00.
MIXED HAY: 85.00-135.00.
STRAW: 6 LOADS, 92.50-112.50.
CORN: 4 LOADS, 97.50-100.00.
OATS: 2.25 BU.
CORN FODDER: 80.00.

Kirkwood Hay Auction

Kirkwood, Pa.
Tuesday, Dec. 10, 1991
Report Supplied by Auction

48 LOADS OF HAY.
MIXED HAY: FIRST CUTTING 106 00-159.00.
TIMOTHY: 123.00-169.00.
ALFALFA: 1ST CUTTING 114 00-126.00; 2ND 102.00-131.00; 3RD CUTTING 114.00-151.00; 4TH 130 00-138.00.
CLOVER MIX: 117.00.
CLOVER: 2ND CUTTING 100.00.
GRASS: 112.00-123.00.
WHEAT STRAW: 81.00-98.00.
BARLEYS STRAW: 91.00.
OATS: 2.00-2.10 BU.
EAR CORN: 95.00.
WOOD: 31.00 LOAD.

North Jersey Market

Hackettstown, N.J.
Tuesday, December 10, 1991
Hay—Straw & Grain Report

ALFALFA HAY: 2 LOADS, 2.50 AND 3 00 BALE.
MIXED HAY: 3 LOADS, 1.50-2.20 BALE.
TIMOTHY HAY: 1 LOAD AT 2.10 BALE.
GRASS HAY: 9 LOADS, 1.50-2.30 BALE.
WHEAT STRAW: .75 AND 1.40 BALE.
RYE STRAW: 1.20 BALE.
OATS: 6.00 AND 6.75 BAG.
TOTAL: 20 LOADS.

Clouser Feed Auction

Madisonburg, Pa.
Every Monday
At noon
Report Supplied by Auction
December 9, 1991

MIXED HAY: 3 LOADS, 1 at 75.00 and 2 at 95.00.
ALFALFA MIX: 1 AT 132.50.

Westminster Hay

Westminster, Md.
Tuesday, December 10, 1991
Report Supplied by Auction

TOTAL LOADS: 91.
ALFALFA: 92.50-177.50, 2.00-4.20 BALE.
ALFALFA MIX: 2.50 BALE.
TIMOTHY: 109.00-132.50, 1.50-3.10 BALE.
TIMOTHY MIX: 85.00-140.00, 1.40-2.80 BALE.
ORCHARD GRASS: 95.00, 1.25-180 BALE.
TIMOTHY ROUND BALES: 24.00 EACH.
ALFALFA ROUND BALES: 25.00-26.00 EACH.
GRASS HAY: 1.60-1.90 BALE.
OATS: 3.00 BU.
STRAW: 67.50-105.00, 1.00-1.90 BALE.
WOOD: 40.00-77.50 CORD.

Good's Hay

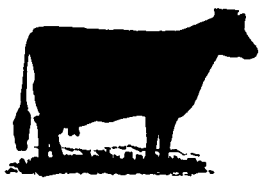
Leola, Pa.
Wed., December 11, 1991
Report Supplied by Auction

TOTAL LOADS: 131.
MIXED HAY 82.00-150.00.
ALFALFA: 76.00-155.00.
TIMOTHY: 110.00-140.00.
STRAW: 68.00-100.00.
CORN: 89.00-106.00.
OATS: 2.00-2.25 BU.
GRASS: 98.00-123.00.
CLOVER: 108.00.
STUBBLES: 100.00.
CORN FODDER: 46.00.
SOYBEAN STUBBLES: 14.00 BALE.

Dewart Hay

Dewart, PA.
Monday, December 9, 1991
Report Supplied by Auction

20 LOADS, 76.00-129.00.
STRAW: 4 LOADS, 81.00-91.00.
WOOD: 15 LOADS, 28.00-48.00 LOAD.
CORN: 84.00.



HAY, STRAW & GRAIN SALE
Every Thursday at 1 p.m.
Auction will continue all year long
Vintage Sales Stables, Inc.
(Rt. 30, 10 miles east of Lancaster in Paradise, PA)

For Info.
717-442-4181 business
215-458-8518 home

L. Robert Frame, Sr. president
Glenn S. Frame Mgr.

Notice Of Time Change
(Hay Sale)
Starting Jan. 1, 1992
(New Year's Day)

Hay And Straw Sales Will Start At 10 A.M. Every Wed.

GOOD'S AUCTION
111 North Maple Ave.
Leola, PA 17540
717-656-8911
717-656-9554

HORSE SALE
JAN. 3, 1992
10:00 A.M.
300-350 HEAD

NEW HOLLAND SALES STABLES INC.
THE ACTION AUCTION

SPECIAL CHRISTMAS SALE
WED. DEC. 18
FREE
HAMS TO ALL BUYERS
SEE PAGE B42 THIS ISSUE FOR COMPLETE DETAILS.

LIVESTOCK IS OUR ONLY BUSINESS

MONDAY

SLAUGHTER HOGS

EARLY BIRD HOG SALE
8:00 A.M.
Sell Your Hogs At New Holland Sales Stables, Inc. See them weighed, sold and pickup your check.

10:00 AM

HORSES
MULES

1:30 PM
BEEF SALE

SHEEP
GOATS
CALVES

WEDNESDAY

HEIFER SALE
11:00 AM
COW SALE 12:00 NOON

HEIFERS
BULLS

DAIRY COWS

We have the usual run of 50 to 100 Heifers, all ages.
Loads of fresh cows and springers from our regular shippers.
Also some local fresh cows and springers.

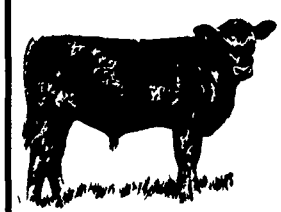
1:30 P.M.
FEEDER PIG SALE

Pigs are accepted after 6:30 A.M. State graded from 8 to 12
Dairy Barn and Feeder Pig Barn are cleaned and disinfected weekly for your protection.

THURSDAY

Beef Auction
10:00 A.M.

BULLS
STEERS
BEEF COWS



1:00 P.M.
STOCKERS & FEEDERS

12:00 NOON

SHEEP
GOATS
CALVES

NEW HOLLAND SALES STABLES, INC.
12 Miles East of Lancaster Off Route 23, New Holland, Penna.

MANAGERS
Norman & David Kolb - 717-397-5538

Field Representatives
Luke Eberly - 215-267-6608 738-1865
Homer Eberly - 215-267-3047
Ron Ranck - 717-656-9849

Sale Barn Office Manager
Roger Floyd - 717-354-4341
FAX # 717-355-0706

Order Buyer
Paul Good - 215-445-6662

Greencastle Livestock

Greencastle, Pa.
Monday, Dec. 9, 1991

SLAUGHTER CATTLE RECEIPTS: 541 HEAD.

SLAUGHTER STEERS: 109 HEAD. TREND STEADY TO 1.00 HIGHER. HIGH CHOICE AND PRIME 2-4 70 00-73.00; CHOICE 2-3 950-1075 LBS. 63 00-67.00; CHOICE 2-3 1075-1375 LBS. 65.00-70.00; CHOICE 2-3 OVER 1375 LBS. 59.00-64.75; CHOICE 4 ALL WEIGHTS 58.00-63.00; SELECT & CHOICE 1-2 950-1100 LBS. 60.00-66.00; SELECT & CHOICE 1-2 1100-1375 LBS. 60 00-64.75; SELECT & CHOICE 1-2 OVER 1375 LBS. 57.00-62.00.

HOLSTEINS: CHOICE 2-3 1050-1450 LBS. 59.00-63.75; SELECT 1-2 1050-1450 LBS. 55.00-58.50.

SLAUGHTER HEIFERS: 40 HD. TREND: STEADY TO 1.00 HIGHER. CHOICE 2-3 850-1000 LBS. 62.00-67.00; CHOICE 2-3 1000-1250 LBS. 64 50-71.00; CHOICE 4 ALL WEIGHTS 57 00-62.50; SELECT & CHOICE 1-2 850-1000 LBS. 60.00-64.00; SELECT & CHOICE 1-2 1000-1250 LBS. 60 00-65.00.

HOLSTEINS: CHOICE 2-3 1000-1350 LBS. 57.00-63.50; SELECT & CHOICE 1-2 1000-1350 LBS. 52.00-56.50.

SLAUGHTER BULLS: 24 HD. TREND: STEADY TO STRONGER. YIELD GRADE 1 ALL WEIGHTS 61.00-70.00; YIELD GRADE 2 ALL WEIGHTS 55.00-60.25.

BULLOCKS: 6 HEAD. CHOICE 1-3 1150-1375 LBS. 60.00-63.00; SELECT 1-2 950-1250 LBS. 65.00-70.50.

COWS: 362 HD. TREND: STEADY TO WEAKER. BREAKING UTILITY & COMMERCIAL 45.00-49.00; CUTTER & BONING UTILITY 46.50-51.50; CANNER & LOW CUTTER 45.00 & DOWN.

STOCKER & FEEDER CATTLE RECEIPTS: 550 HD. TREND: STEADY PRICES; GOOD DEMAND. BEEF TYPES: 200-400 LBS. STEERS 80 00-98.00, BULLS 74.00-98.00, HEIFERS 70.00-81.00; 400-600 LBS. STEERS 75.00-95.00, BULLS 70.00-84.00, HEIFERS 69.00-80.00; 600-800 LBS. STEERS 70.00-84.00, BULLS 60.00-69.00, HEIFERS 64.00-72.00; 800-975 LBS. STEERS 64.00-69.00, BULLS 55.00-60.00, HEIFERS 60.00-65.75.

HOLSTEINS & DAIRY CROSS: 200-400 LBS. STEERS 65.00-79.00, BULLS 60.00-71.50, HEIFERS 78.00-98.00; 400-600 LBS. STEERS 60.00-68.00, BULLS 55.00-68.00, HEIFERS 60.00-70.00; 600-800 LBS. STEERS 55.00-62.00, BULLS 54.00-60.00, HEIFERS 60.00-62.00; 800-975 LBS. STEERS 54.00-59.00, BULLS 49.00-56.50, HEIFERS 56.00-62.00.

CALVES: 621 HD. TREND: STEADY. CHOICE 150-300 LBS. 80.00-106.00; GOOD 150-300 LBS. 70.00-80.00; GOOD 100-150 LBS. 75.00-82.00; GOOD 80-100 LBS. 70.00-75.00; STANDARD 80-100 LBS. 65.00-70.00; STANDARD 80 LBS. AND DOWN 65.00 AND DOWN.

CALVES RETURNING TO THE FARM: TREND: STEADY TO 5.00 LOWER. HOLSTEIN BULLS OVER 100 LBS. UP TO 172.00; UNDER 100 LBS. UP TO 165.00; HOLSTEIN HEIFERS OVER 100 LBS. UP TO 170.00; UNDER 100 LBS. UP TO 135.00; BEEF TYPE BULLS OVER 90 LBS. UP TO 180.00; BEEF TYPE HEIFERS OVER 90 LBS. UP TO 138.00.

SHEEP & LAMBS: 72 HD. LAMBS: TREND: STEADY. CHOICE 80-100 LBS. 41.00-43.00; 100-120 LBS. 40.00-43.00; 120 & OVER LBS. 35.00-38.00; MEDIUM & GOOD ALL WEIGHTS 38.00-44.00; LIGHT LAMBS 50.00-69, FEW TO 90.00; CULL LAMBS 32.00 DOWN.

SHEEP: EWES LEAN 15.00-19.50; EWES FAT 12.00-16.50; YEARLINGS 20.00-26.00; BUCKS 14.00-18.50.

GOATS: 89 HD: SMALL 30.00-42.00; MEDIUM 35.00-49.00; LARGE 50.00-95.00.

HOGS, SOWS & BOARS: 169 HD. TREND: STEADY TO 1.00 HIGHER. 210-250 LBS. 38.00-40.00; 250-260 LBS. 37.00-38.00; 260-270 LBS. 35.00-37.50; 270-300 LBS. 33.00-37.00.

LIGHT HOGS: 140-180 LBS. 33.00-36.00; 180-210 LBS. 34.00-36.50.

SOWS: TREND: 2.00 LOWER. GOOD SOWS UNDER 400 LBS. 27.00-33.50; GOOD SOWS OVER 400 LBS. 27.00-32.00; CULL SOWS ALL WEIGHTS 26.00-DOWN.

BOARS: TREND: STEADY. 180-210 LBS. 29.00-32.00; 210-260 LBS. 30.00-34.00; 260-300 LBS. 26.00-30.00; 300 LBS. & OVER 23.00-25.25.

SALE EVERY MONDAY AT 2:00 P.M. & EVERY THURSDAY AT 1:00 P.M.

SPECIAL FEEDER CATTLE SALE FRIDAY, JAN. 3 AT 7:15 P.M.

SPECIAL FEEDER PIG SALE: SATURDAY, DEC. 28 AT 1 P.M.

Carlisle Livestock Market

Carlisle, Pa.
Tuesday, Dec. 10, 1991

SLAUGHTER STEERS: ACTIVE. CHOICE 950-1100 LB. 67.50-69.75; SELECT 60.00-66.00.

SLAUGHTER HEIFERS: CHOICE 925-1050 LBS. 65.00-67.25; SELECT 63.75-64.75; HOLSTEINS 54.00-59.00.

SLAUGHTER COWS: ACTIVE! STRONG DEMAND FOR EARLYBIRD PENS. BREAKING UTILITY AND COMMERCIAL 50.00-54.00; CUTTER AND BONING UTILITY 47.50-52.50; CANNER AND LOW CUTTER 44.00-47.00; BIG MIDDLE 43.00-48.50; SHELLY 43.00 DOWN.

SLAUGHTER FAT BULLS: YG#1 60.75-63.75; YG#2 50.75-57.50.

FEEDER STEERS, ALL WEIGHTS: MEDIUM #2 75.00-80.00; LARGE #2 68.00-74.00.

FEEDER HEIFERS: ALL WEIGHTS, MEDIUM #1 77.00-87.00; LARGE #1 64.00-73.00; HOLSTEINS AND DAIRY CROSS 51.00-59.50.

FEEDER BULLS: ALL WEIGHTS, MEDIUM AND LARGE #2 59.00-71.00.

VEAL CALVES: CHOICE 90.00-106.00; STANDARD AND GOOD 65 00-89.00.

FARM BULLS: OVER 95 LBS. TO 177.50; UNDER 95 LBS. TO 167.50; FARM HEIFERS 110.00-150.00.

HOGS: US#1-3 210-260 LBS. 40.00-40.75; 290-385 LBS. 32.00-37.25; 2 & 4 38.00-38.75.

SOWS: 27.75-30.00 US#1-3; #2 AND 4 ALL WEIGHTS 25.50-27.00.

BOARS: HEAVY 25.25-25.50.

FEEDER PIGS (BY THE HEAD) 20-23 LBS. 23.00-26.00; 30-50 LBS. 30.00-38.00.

SHEEP: EWES 17.00-31.00.

LAMBS: CHOICE 70-90 LBS. 60.50-71.00; GOOD 35-65 LBS. 65.00-80.00; GOOD AND CHOICE 95-130 BS. 44.00-58.00; MEDIUM, ALL WEIGHTS, AND FEEDER LAMBS 44.00-64.00.

GOATS: BY THE HEAD, SMALL/MED. 21.00-59.00.

SALE EVERY TUES. EVE, 4:30 P.M. RABBITS, POULTRY AND EGGS; 7 P.M. LIVESTOCK.

NEXT GRADED FEEDER PIG SALE FRI., DEC. 27, 1:30 P.M. NO SALE TUES., DEC. 24. MERRY CHRISTMAS!

Diffenbach Auction Center

New Holland, Pa.
Monday, Dec. 9, 1991
Report Supplied by Auction

TOTAL LOADS: 166.
ALFALFA: 97.00-175.00.
MIXED HAY: 95.00-137.00.
TIMOTHY: 105.00-160.00.
CLOVER: 109.00.
ORCHARD GRASS: 90.00-140.00.
STRAW: 70.00-112.00.
EAR CORN: 92.00-111.00.
OATS: 2.40-2.45 BU.

This sale was formerly held at the New Holland Sales Stables. It is now held at Diffenbach's New Holland Auction Center Ltd , 100 W. Jackson St., New Holland, across from the prior sale location. Auction time is 10.00 a.m. Monday.

Keister's Middleburg Auction

Middleburg, PA
Dec. 10, 1991

CATTLE 521... REPORT IS SUPPLIED BY THE ACUTION ...High Choice & Prime slaughter steers 71.00-73.25, Choice 67.00-70.75, Select 63.00-66.75, Standard 60.00-63.75; Choice Holsteins 61.00-64.50, Select 58.00-60.75, Standard 52.00-57.75. Choice sl. heifers 64.00-69.75, Select 60.00-63.75, Standard 55.00-59.75. Breaking Utility & Commercial sl. cows 49.00-53.50, Cutter & Boning Utility 48.00-53.25, Canner & low Cutter 42.00-47.75, Shells down to 38.00-42.00. Choice sl. bullocks 65.00-68.75, Select 58.00-64.50. Yield Grade No. 1, 1200/2005 lbs. sl. bulls 58.00-63.25, No. 2, 800/1200 lbs. 52.00-57.75. Feeder Cattle: 350/775 lbs. steers 65.00-82.00. 350/800 lbs. heifers 53.00-72.00. 400/750 lbs. bulls 62.00-73.00.

CALVES 264...Choice vealers 115.00-117.00, Standard and Good 90/110 lbs. 60.00-75.00. Farm Calves: Holstein bulls No. 1, 90/120 lbs. 130.00-157.50, 80/90 lbs. 100.00-140.00; No. 1, Hol. Heifers 90/120 lbs. 100.00-155.00.

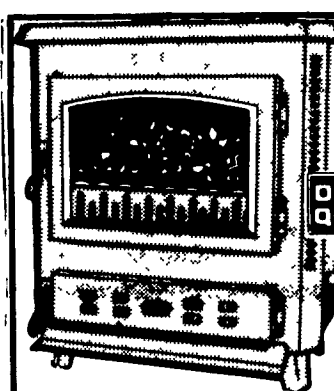
HOGS 611...(12/9/91) - US No. 1, 230/250 lbs. barrows and gilts 42.00-42.75, 1-2 220/250 lbs. 41.00-42.25, 2-3 210/265 lbs. 40.00-41.00, No. 2-4 190/280 lbs. 38.00-40.00. US No. 1-3 290/650 lbs. sows 30.00-33.00, 2-3 275/575 lbs. 26.00-30.00. Boars 25.00-27.00.

FEEDER PIG 455...US No. 1-3 20/40 lbs. feeder pigs 27.00-35.00, 40/60 lbs. 33.00-38.00 --- all per head.

SHEEP 53...Choice 80/110 lbs. wooled sl. lambs 45.00-54.00, few Good 40/80 lbs. 40.00-67.00; few 20/37 lbs. spring lambs 140.00-151.00. Slaughter sheep 13.00-18.00; Yearlings 25.00-32.00. - all cwt.

GOATS 29...Large 40.00-100.00, Small 25.00-45.00.. --- all per head.

SHEARSON LEHMAN BROTHERS
FORNEY LONGENECKER
SECOND VICE PRESIDENT / FINANCIAL CONSULTANT COMMODITIES
29 E. KING STREET
SUITE 200
LANCASTER, PA 17602
717 295 8914 800 342 7033 PA
800 441 1997 US


STRATFORD
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OUSSINGER'S QUALITY STOVES
2533 OLD PHILA. PIKE, Rt. 340, Smoketown PA
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* SEE OUR NEW EFFICIENT EPA WOOD STOVES

A & C Diffenbach Auction Inc.
100 West Jackson Street • Box 186 • New Holland, Pennsylvania 17557
Office: (717) 355-7253 • FAX: (717) 355-9547
HAY & GRAIN SALE EVERY MONDAY - 10:00 A.M.

FRI.,	DEC. 20	NEW & USED SURPLUS AIR COMPRESSORS & EQUIP- ELAM STOLTZFUS	9:00 A.M.
WED.,	JAN. 8	WINROSS TRUCK & TOYS	6:30 P.M.
FRI.,	JAN. 10	FARM EQUIPMENT & SUPPLIES	9:00 A.M.
TUES.,	JAN. 28	QUILT, CRAFT & BUGGY	9:00 A.M.
WED.,	JAN. 29	QUILT, CRAFT	9:00 A.M.

EQUIPPED FOR AN AUCTION AT YOUR PLACE OR OURS
ALAN DIFFENBACH AUCT. - AU2258-L

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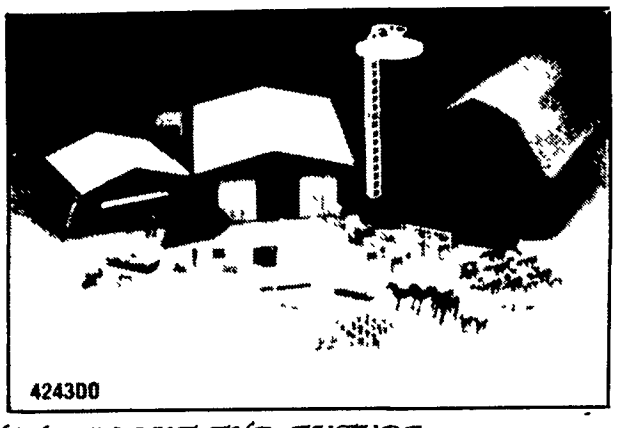
10% OFF ALL TOYS AND SETS IN STOCK!
Now On Sale Through December!
YEAR-END SPECIALS ON SERVICE AND PARTS
Call Us For Details

424300
THE NICEST THING ABOUT THE FUTURE IS THAT IT COMES ONE DAY AT A TIME
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HOURS
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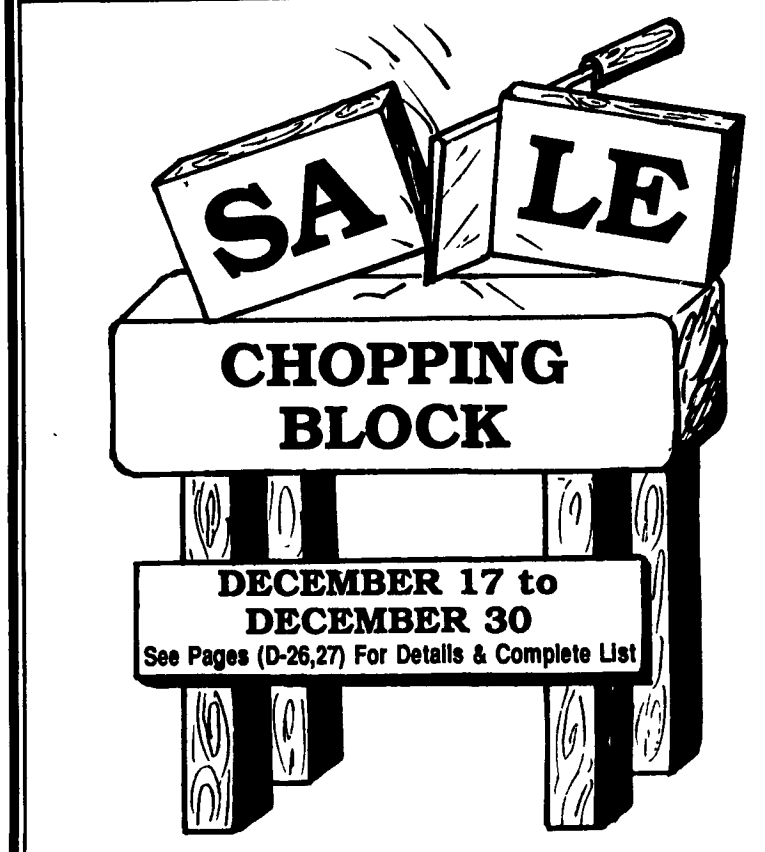
case IH
Authorized UPS Station
YOU STAY PUT
Pick Up Your Phone And Place Your Parts Order With Us



HOOBER
TWO LOCATIONS
C.B. HOOBER & SON, INC.
INTERCOURSE, PA
HOOBER EQUIPMENT, INC.
INTERCOURSE, PA

THE OLD FARMER'S ALMANAC

DEC. 16-22, 1991

Full Cold Moon, Dec. 21.

Dec 16, 1773, American patriots, disguised as Indians, dump British tea overboard in Boston Harbor to protest taxes Dec 18, 1787, birthday of Joseph Grimaldi, the "greatest clown in history" Dec 19, 1917, four teams constitute the National Hockey League as it begins its first professional season Dec 21, 1991, partial eclipse of the moon, though slight, will be visible throughout North America The moon will enter penumbra at 3 25 A M EST, enter umbra at 5 A M EST, and leave umbra at 6 06 A M EST *We must be courteous to a man as we are to a picture, which we are willing to give the advantage of a good light* — Ralph Waldo Emerson

Ask the Old Farmer: Why do we have what is called "plum pudding" when, to my knowledge, no plums are included in the recipe? L T, Vermont

Old-time New Englanders always called raisins "plums"

Home Hints: A few drops of oil of cinnamon in your vacuum cleaner bag makes the air smell festive and clean

OLD FARMER'S WEATHER FORECAST

New England: Snow, changing to rain The second half of the week is cloudy and cold, with flurries Only 2" of precipitation expected this month, 2 5" below normal **Greater New York-New Jersey:** Cloudy and cold as the week begins Warming and raining, then clearing Look for cold weather and a snowstorm on the weekend **Middle Atlantic Coastal:** Cold with flurries changes to warmer weather and rain The week closes with more seasonable temperatures and rain, snow in the west **Piedmont & Southeast Coastal:** Clear, cold weather changes to sunny and very warm for most of the week The weekend brings rain and colder temperatures again

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Eighty-Four Livestock

Eighty-Four, PA
Dec. 9, 1991

CATTLE 355... PDA ...Compared with last weeks market: Few low Choice slaughter steers 65.00-65.50, Select 60.00-64.00, Standard 56.00-59.00. Few Choice sl. heifers 63.00-66.50, few Select 58.00-61.00, Utility 49.00-53.50. Breaking Utility & Commercial sl. cows 48.00-51.00, several high yielding 51.50-53.00, Cutter & Boning Utility 45.00-49.00, Canner and low Cutter 38.00-44.50, Shells down to 21.00. Couple Choice sl. bullocks 57.00&59.50, couple Select 55.00&56.50. Few Yield Grade No. 1, 1300/1950 lbs. sl. bulls 49.00-52.50. Feeder Cattle: Medium Frame No. 1, 350/550 lbs. steers 70.00-82.50. Medium Frame No. 1, 300/530 lbs. heifers 60.00-78.50. Medium Frame No. 1, 380/600 lbs. bulls 68.00-80.00.

CALVES 238...One Choice vealer 120.00, few Good 90.00-100.00, Standard and Good 90/120 lbs. 66.00-81.00, 60/85 lbs. 52.00-68.00, few Utility 45/55 lbs. 30.00-41.00. Farm Calves: Holstein Bulls #1, 90/120 lbs. 125.00-175.00, No. 2, 80/115 lbs. 90.00-130.00; No. 1, 90/140 lbs. Hol Heifers 100.00-140.00. Beef cross 80/130 lbs. bulls and heifers 100.00-135.00.

HOGS 166...Barrows and Gilts: US No. 1-2 225/260 lbs. barrows and gilts 37.50-38.00, 1-3 230/270 lbs. 36.00-37.25, 2-3 240/260 lbs. 35.00-36.00, one small lot 1-3 135 lbs. 33.50. Few US No. 1-3 350/425 lbs. sows 38.00-40.00, 2-3 400/550 lbs. 33.00-37.00. Boars 24.00-26.00.

FEEDER PIGS 14...Few US No. 1-3 12 lbs. feeder pigs 12.00, few 60/68 lbs. 37.00-39.00 --- per head.

SHEEP 312...WOOLED SLAUGHER LAMBS:...High Choice 90/102 lbs. wooled lambs 49.00-52.00, few 50/72 lbs new crop 66.00-70.00; Choice 85/95 lbs. wool slaughter lambs 43.50-47.50; Good & Choice 50/75 lbs. feeder lambs 40.00-45.00. Slaughter sheep 16.00-20.00. - all Cwt.

GOATS 26...Large 40.00-55.00, Medium 30.00-36.00, Small 18.00-26.00 --- all per head.

Leesport Livestock

Leesport, PA
Dec. 11, 1991

CATTLE 293...PDA... Supply included 122 slaughter steers and heifers ...Compared with last weeks market: Slaugther steers about steady; Cows steady to .50 higher. Choice 1100/1400 lbs. sl. steers 66.75-70.25, Select 62.50-66.75, Standard 53.00-57.00; few Prime Holsteins 63.50-68, Choice 61.00-63.75, Select 58.75-60.00. Choice sl. heifers 62.75-68.00, couple 70.00, Select 55.00-61; few Choice Holsteins 56.50-58.00. Breaking Utility and Commercial sl. cows 47.00-50.50, couple to 52.75, Cutter & Boning Utility 46.75-50.75, Canner & low Cutter 41.50-45.75, Shells down to 35.00. Few Yield Grade No. 1, 1080/2000 lbs. sl. bulls 58.75-66.75, No. 2, 1070/1200 lbs. 53 75-57.75.

CALVES 210...Few Good vealers 73.00-80.00, Standard and Good 70/95 lbs. 56.00-65.00, Utility 55/80 lbs. 50.00-60.00. Farm Calves: No. 1, Holstein Bulls 90/125 lbs. 115.00-150.00, No. 2, 85/125 lbs. 70.00-100.00; No. 1, Hol. Heifers 80/140 lbs. 85.00-165.00; few Beef cross 75/100 lbs. bulls & heifers 80.00-155.00.

HOGS 293...BARROWS & GILTS: steady to 1.00 lower. US No. 1-2 225/240 lbs. 38.25-39.75, 1-3 215/255 lbs. 37.00-38.25, 2-3 255/270 lbs. 35.60-37.75, 2-4 275/330 lbs. 31.25-34.00. SOWS: US No. 1-3 300/625 lbs. sows 24.50-27.50. Boars 23.00-24.50, couple to 27.00.

FEEDER PIGS 502...US No. 1-3 22/25 lbs. feeder pigs 122.50-149.00, 30/55 lbs. 80.00-115.00, lot 70 lbs. 72.50. --- per hundredweight.; 15/18 lbs. 14.00-28.00 - per head.

SHEEP 159...Choice 65/130 lbs. wool lambs 43.00-53.00; Choice 25/55 lbs. new crop lambs 87.50-145.00. Slaughter sheep 14.00-26.00. - all Cwt.

GOATS 9...Few Large 45.00-66.00, few Small 35.00-55.00 --- all per head.

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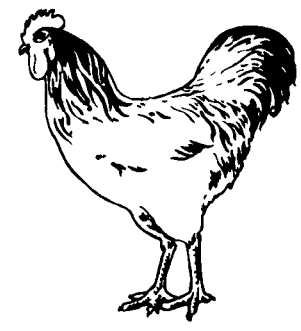

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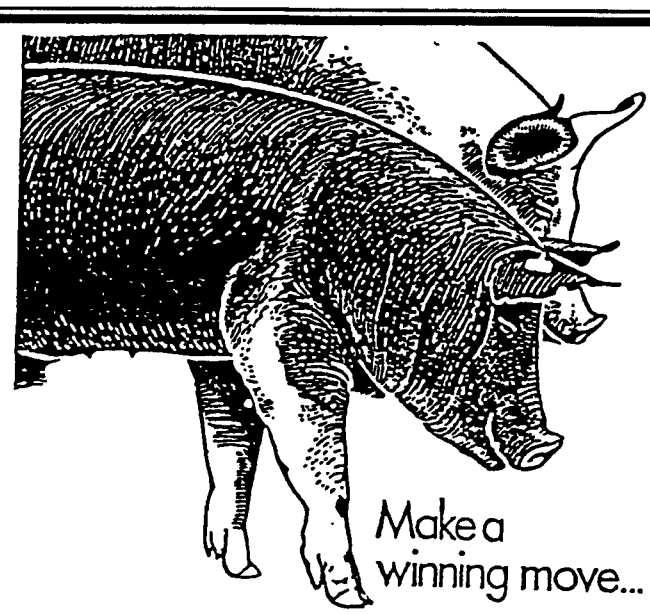

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Virginia Cattle & Hogs

Virginia Weekly
Dec. 11, 1991

REVIEW OF VIRGINIA DIRECT HOGS FOR THE PERIOD DECEMBER 5 - DECEMBER 11. RECIEPTS FOR COUNTRY BUYING STATIONS IN VIRGINIA FOR THE PERIOD TOTALED 2640 HEAD. RECEIPTS FOR DELIVERY TO THE PLANT (WITHIN A 30 MILE RADIUS) FOR THE PERIOD TOTALED 2020 HEAD.

THE VIRGINIA DIRECT HOG MARKET FOR WEDNESDAY DECEMBER 11, 1991 CLOSED $1.25 LOWER COMPARED TO LAST WEDNESDAY'S TRADING.

BARROWS AND GILTS:

VIRGINIA COUNTRY POINTS U.S. 1-3 220-250 LBS 37.00-40.00

LOCAL PLANT DELIVERED (30 MILE RADIUS)

US 1-2 220-250 LBS. 39.25-40.25 US 2-3 220-250 LBS. 38.25-39.25 US 1-3 200-210 LBS. 35.25-36.25 US 1-3 210-220 LBS. 37.25-38.25 US 2-4 250-260 LBS. 36.25-37.25 US 2-4 260-270 LBS. 34.25-35.25 US 3-4 270-280 LBS. 32.25-33.25 US 3-4 280-300 LBS. 30.25-31.25

SLAUGHTER STEERS AND HEIFERS -%; SLAUGHTER COWS --% SLAUGHTER BULLS -%, SLAUGHTER CALVES AND VEALERS -%; FEEDER CATTLE UNDER 600 LBS --%, OVER 600 LBS --%

PRICE RANGES FOR VIRGINIA WEEKLY AUCTIONS

SLAUGHTER CATTLE STEERS: CHOICE 2-3 1000-1150 LBS ---- CHOICE 2-3 1150-1300 LBS 66.00-67.00 CHOICE 2-3 1300 & OVER 65.00-68.75

HEIFERS: CHIOCE 2-3 900-1100 LBS 62.00-67.50 CHOICE 2-3 1100 LBS & OVER 63.25-68.00 SLAUGHTER COWS UTILITY & COMMERCIAL COWS 42.00-54.00 SLAUGHTER BULLS BULLS - 1-2 900-1300 LBS 51.50-58.00 1-2 1300-1600 LBS 49, 50-62.00 1-2 1600 LBS & OVER 50.00-62.75 SLAUGHTER CALVES AND VEALERS VEALERS - HIGH CHOICE & PRIME 200-350 LBS --- GOOD AND CHOICE 200-350 LBS --- CALVES - GOOD AND CHOICE 250-500 LBS 72.00-77.00 SLAUGHTER LAMBS HIGH CHOICE & PRIME 95-125 LBS WOOL 40.00-48.30 SLAUGHTER HOGS US 1-3 200-250 LBS 43.00-46.00 SOWS US 1-3 300-500 LBS 28.00-34.00 500 LBS & OVER 28.00-32.00

FEEDER CATTLE STEERS: MEDIUM 1 HEIFERS: MEDIUM 1 200-300 LBS 94.00-113.00 300-400 74.50-86.00 300-400 87.00-104.50 400-500 70.00-83.00 400-500 84.00-102.00 500-600 70.00-78.00 500-600 80.00-94.00 600-700 65.00-74.50 600-700 75.00-88.00 700-800 62.25-71.50 700-800 70.00-81.00 800-900 62.25 800-900 66.00-79.50

S.W. Virginia Livestock
Wytheville, VA
Dec. 10, 1991

SLAUGHTER CATTLE 65 HEAD - NO TRENDS REPORTED.

SLAUGHTER COWS 60 HEAD COWS CUTTER & BONING UT. 1-3 40.00 - 44.50 BREAKING UT. & COMM. 2-4 42.00 - 46.75 CANNER AND LOW CUTTER 1-2 38.00 - 40.00

SLAUGHTER BULLS 5 HEAD BULLS Y.G. 1-2, 900-1300 LB. 54.00 Y.G. 1-2, 1600 LBS. & OVER 56.50 - 59.00

LAMBS TOTAL RECEIPTS 156 HEAD - NO TRENDS REPORTED. SLAUGHTER LAMBS 41 HEAD WOOLED CHOICE AND PRIME, 95-125 LB. 45.00 CHOICE, 85-125 LB. 39.00 FEEDER LAMBS 89 HEAD FEEDER LAMBS CHOICE AND FANCY, 70-85 LB. 44.75 CHOICE AND FANCY, 59 LB. 49.75 EWES & RAMS 26 HEAD EWES ALL GRADES 18.00 - 20.00

FEEDER CATTLE 360 HEAD - NO TRENDS REPORTED. STEERS MEDIUM 1 SMALL 1 400-500 90.00-95.00 - 500-600 80.00- 82.50 74.00- 78.50 600-700 79.00- 81.00 - 700-800 77.00-77.25 - 800-900 65.00- 72.00 - HOLSTEIN STEER MED & LARGE 2 300- 500 80.00- 84.00 500- 700 - 700- 900 51.00 900-1100 49.50- 56.00

HEIFERS MEDIUM 1 LARGE 1 SMALL 1 400-500 70.00- 71.50 79.50 62.00- 69.00 500-600 - 72.00- 74.50 - 600-700 69.50- 70.00 72.25 - BULLS MEDIUM 1 300-400 76.00- 86.00 400-500 80.00- 85.00 BABY CALVES RETURNED TO FARMS 19 HEAD NEWBORN TO 4 WK OLD $70.00-130.00 PER HEAD.

N. Virginia Livestock
Marshall, VA
Dec. 10, 1991

SLAUGHTER CATTLE 153 HEAD - NO TRENDS REPORTED.

SLAUGHTER COWS 142 HEAD COWS CUTTER & BONING UT. 1-3 47.00 - 52.25 BREAKING UT. & COMM. 2-4 45.00 - 49.75 FEW HIGH YIELDING 52.50-58.00 CANNER AND LOW CUTTER 1-2 40.00 - 44.50

SLAUGHTER BULLS 11 HEAD BULLS Y.G. 1-2, 900-1300 LB. 55.00 - 58.00 Y.G. 1-2, 1300-1600 LB. 50.00 - 52.75 Y.G. 1-2, 1600 LBS. & OVER 50.00 - 53.50

LAMBS TOTAL RECEIPTS 1 HEAD - NO TRENDS REPORTED. SLAUGHTER LAMBS 1 HEAD WOOLED CHOICE AND PRIME, 95-125 LB. 46.00

FEEDER CATTLE TOO FEW TO REPORT PRICES.

********** THE FOLLOWING ARE STATE GRADED FEEDER CATTLE ********

STATE GRADED FEEDER CATTLE 544 HEAD SOLD AT MARSHALL, VIRGINIA ON DEC. 10, 1991

STEERS MED.&LARGE 1 SMALL 1 MED & LARGE 2 300-400 95.00-106.00 88.00- 93.50 - 400-500 90.00-102.00 78.00- 83.50 90.00 500-600 83.00- 90.50 78.00- 79.25 78.50- 80.00 600-700 81.25-85.75 73.50- 77.75 76.00- 78.00 700-800 76.25- 79.25 70.00- 71.00 73.00- 78.25 800-900 71.50- 78.00 - 71.00- 74.00

HEIFERS MED.&LARGE 1 MED & LARGE 2 300-400 82.00 - 400-500 81.00-84.50 71.50 500-600 76.50- 77.00 71.00-74.25 600-700 73.75- 74.25 - 700-800 68.00- 71.25 66.00 800-900 FEW AT 55.00 - ********** END OF STATE GRADED FEEDER CATTLE **********

Central & S.E. Virginia Livestock
Smithfield, VA
Dec. 11, 1991

ORANGE & BLACKSTONE - NO REPORT

SLAUGHTER HOGS 175 HEAD SOWS US 1-3, 300-500 LB. 27.50 - 27.75 US 1-3, 500 LBS. & OVER 28.75 - 29.50 BOARS 300-600 LB. 25.00 - 26.00

SMOOTH BOARS 200-240 LBS 32.75

SLAUGHTER CATTLE 27 HEAD SLAUGHTER STEERS & HEIFERS 4 HEAD HEIFERS CHOICE 2-3, 1000-1150 LBS. 67.00 - 67.50 SLAUGHTER COWS 18 HEAD COWS CUTTER & BONING UT. 1-3 44.00 - 48.00 SLAUGHTER BULLS 5 HEAD BULLS Y.G. 1-2, 1300-1600 LB. 50.75 - 53.75 Y.G. 1-2, 1600 LBS. & OVER 55.50 - 57.00

FEEDER CATTLE 92 HEAD

STEERS MEDIUM 1 LARGE 1 SMALL 1 MED & LARGE 2 300-400 84.00- 88.00 - 75.00- 78.00 - 400-500 - - 75.00- 78.00 -

HEIFERS MEDIUM 1 LARGE 1 SMALL 1 MED & LARGE 2 300-400 76.00- 80.00 - 65.00- 67.00 - 500-600 - - 64.00- 65.50 - 600-700 - - 60.00- 65.00 -

New Wilmington Livestock
N. Wilmington, PA
Dec. 9, 1991

CATTLE 284...PDA...Compared with last weeks market: Slaughter cows 1.00 to 2.00 higher. Couple Low dressing Choice sl steers 64.25-65.75, few Standard 55.00-60.75. Few high dressing Choice sl. heifers 67.00-69.00, Select and Choice 60.00-66.25. Breaking Utility & Commercial sl. cows 47.00-50.00, one 51.00, low yielding and low dressing down to 40.00, Cutter & Boning Utility 44.50-49.50, Canner & Low Cutter 38.00-44.75, Shells down to 35.00. Few Yield Grade No. 1, 1255/2335 lbs. sl. bulls 55.00-59.75, few No. 2, 990/1415 lbs. 50.00-53.00. Feeder Cattle: Medium & Large rame No. 1, 400/540 lbs. steers 70.00-83.00. Med. & Large Frame No. 1, 370/520 lbs. heifers 60.00-70.00, 660/825 lbs. Holsteins 45.00-60.00.

CALVES 316... Supply included 80% sold to return to the farm. Individual Good vealer 90.00, Standard & Good 90/120 lbs. 60.00-70.00, 60/85 lbs. 40.00-61.00, lot Utility 55 lbs. 30.00. Farm Calves: Hol. Bulls No. 1, 85/135 lbs. 120.00-158.00, #2, 85/130 lbs. 70.00-133.00; No. 1, Hol. Heifers 85/120 lbs. 100.00-173.00. Beef cross 80/120 lbs. bulls and heifers 90.00-165.00.

HOGS 344...Barrows and gilts: .50 to 1.00 higher. US No. 1-2 230/250 lbs. 40.60-41.50, 1-3 225/255 lbs. 38.50-40.10, 2-3 225/275 lbs. 37.00-38.50, 1-3 205/215 lbs. 36.25-38, lot 1-3 180 lbs. 34.00. SOWS: 5.00 to 6.00 lower. US No. 1-3 320/610 lbs. sows 26.50-31.50, few 34.00, few 2-3 400/660 lbs. 20.00-35.50. Boars 20.25-25.00.

FEEDER PIGS 87...US No. 1-3 35/50 lbs. feeder pigs 15.00-25.00, 50/60 lbs. 25.00-32.00 --- all per head.

SHEEP 107...WOOLED SLAUGHTER LAMBS:...High Choice & Prime 110/115 lbs. wooled slaughter lambs 55.00-57.00, Choice 55/70 lbs. 59.00-69.00, small lot 79.00, 80/120 lbs. 44.00-50.00, few Good and Choice 90/95 lbs. 36.00-41.00; few Good & Choice 50/60 lbs. feeder lambs 44.00-53.00. Slaughter sheep 10.00-22.00. - all cwt.

GOATS 4...Few Medium and Large 37.00-49.00. --- all per head.

New Holland Dairy
New Holland Sales Stables
Wednesday, December 11, 1991
Report supplied by auction

DAIRY COW RECEIPTS 99; HEIFERS 147 AND BULLS 14. MARKET STEADY.

FROM PENNSYLVANIA FRESH 1175.00-1350.00.

FROM WISCONSIN FRESH 1225.00-1350.00.

FROM NEW YORK STATE FRESH 895.00-1575.00, SPRINGERS 1010.00-1450.00.

FROM OHIO FRESH 710.00-1325.00, SPRINGERS 885.00-1100.00.

LOCALLY CONSIGNED COWS SOLD 685.00-1175.00; BETTER COWS 1200.00-1450.00; SPRINGING HEIFERS 875.00-1185.00.

SHORTBRED HEIFERS 740.00-910.00.

OPEN BREEDING AGE HEIFERS 640.00-700.00.

SMALL OPEN HEIFERS 230.00-510.00.

VACCINATED HEIFERS BRING A PREMIUM.

BULLS SOLD 460.00-650.00.

PUREBREDS 590.00-825.00.

New Holland Horses
New Holland Sales Stables
New Holland, PA
Monday, December 9, 1991

REPORT SUPPLIED BY AUCTION

411 HEAD; MARKET STEADY.

DRIVING HORSES 485.00-800.00.

RIDING HORSES 485.00-810.00.

REGISTERED HORSES 850.00-1800.00.

MARE PONIES 60.00-225.00.

PONY COLTS 40.00-95.00.

GELDINGS 60.00-225.00.

LARGER PONIES 275.00-510.00.

HEAVYWEIGHT KILLERS 665.00-840.00.

LIGHTWEIGHT KILLERS 440.00-550.00.

THIN 80.00-400.00.

HORSE COLTS 210.00-385.00.

WORK HORSES 750.00-1500.00.

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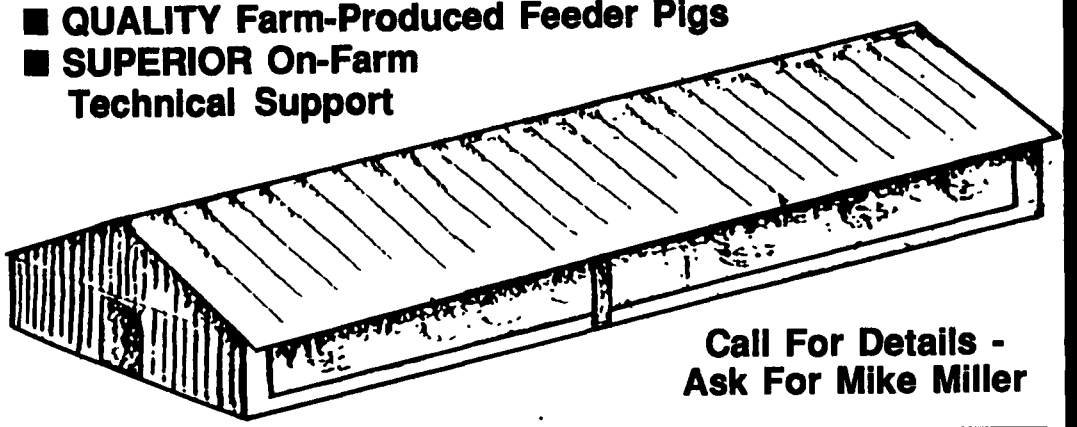

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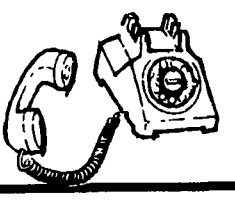

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OPINION

Pennsylvania DHIA

Farm Forum

Dear Editor:

The need for an article on this subject became obvious last year at our local DHIA's annual banquet — for the first time ever, the dairy goat herds in our county received recognition for the herds with the top milk, butterfat, and protein rolling herd averages (RHA).

Although about 25 percent of the herds on test in the county are goat herds (breed designation 0), and there are more goat herds on test in Pennsylvania than at least one of the bovine breeds, we have never before received any form of recognition anywhere.

Our records cannot hope to compete with the cow DHIA records because it is impossible that an animal weighing one tenth as much as a cow could ever hope to produce enough milk, butterfat or protein to be in the top 10 places for all of DHIA. We were therefore pleased to see that at least our best were recognized by our county association.

What happened when the recipients went up to receive their awards, however, was what really indicated the prevailing attitude toward dairy goat breeders among our fellow dairymen.

Several people in the audience made rude animal noises.

I'm sure they just thought they were being funny, and in fact many people laughed. It is safe to say, however, that those noisemakers would never have thought to "mooooo" when one of the cow dairymen stepped foreword to receive an award for such an achievement, and this points out our problem. We are different than the other dairymen, and we are not understood or respected for our efforts.

Perhaps if the cow dairymen in and out of DHIA knew us a little better, we might be able to work more effectively together.

Who are we? I can't pretend to speak for all goat breeders, but there are some generalizations that can be made.

Although it is not uncommon to see several hundred goat dairies on the West Coast with it's large commercial goat milk outlets, most goat breeders in this area are small. Very small in fact.

Approximately, two thirds of the herds on DHIA test in Pennsylvania have fewer than ten milkers.

(Turn to Page A31)

Farm Calendar

Saturday, December 14

Sunday, December 15

Monday, December 16

Holstein Steer Meeting 5, Farm and Home Center, 7:30 p.m.-9:30 p.m.

Northern Tier Hardwood Association annual meeting, Guthrie Inn, Sayre, 6 p.m.

Tuesday, December 17

Wednesday, December 18

Mid-Atlantic Conservation Tillage Conference, Hagerstown Ramada Inn, Hagerstown, Md., 8 a.m.-3 p.m.

Forage Day, Lehigh Co. Agricultural Center, Allentown, 9:15 a.m.-3:30 p.m.

DHIA directors meeting, Co. Office Building, Montrose, 1 p.m.

Thursday, December 19

Pa. Holstein Assoc. board of directors meeting, State College.

Whole Farm Business Plan Workshop, Midway Diner, 10 a.m.-2 p.m.

Lancaster Co. Safe Drinking Water Workshop, Farm and Home Center, 1 p.m.-3 p.m. Repeats at Yoder's Restaurant, New Holland, 7 p.m.-9 p.m.

Forage Day, Old Maple Inn, Honey Brook, 9:15 a.m.-3:30 p.m.

Ag Issues Forum, Kreider's Restaurant, Manheim, 7:30 a.m.-9:30 a.m.

DHIA annual meeting, Emmanuel Presbyterian Church, 7:30 p.m.

Friday, December 20

Forage Day, Midway Diner, Berks Co., 9:15 a.m.-3:30 p.m.

Tax Planning Update Workshop, Holiday Inn, Bethlehem, 9 a.m.-3 p.m.

Pennsylvania Seedsmen's Association annual meeting, Eden Resort, Lancaster. 9:30 a.m.

Thursday, January 2

Three-Week Short Course in Professional Turfgrass and Landscape Management, Hunterdon Co., N.J., thru Jan. 20.

Friday, January 3

Three-Week Short Course in Professional Turfgrass and Landscape Management, Hunterdon Co., N.J., thru Jan. 20.

NOW IS THE TIME

By John Schwartz

Lancaster County Agricultural Agent

To Cut Firewood Safely

With winter coming, people will be entering woodlots to cut firewood for the upcoming winter.

Safety in the woods, like everywhere else, starts with common sense. Do not try to do things you or your equipment are not capable of doing. Make sure you always wear proper clothing, including heavy boots, gloves, and clothing that is not so loose that it will get caught in your saw or branches.

Consider the use of chaps to help to protect the legs from cuts. Ear protection should be worn to help guard against hearing loss. Safety glasses should be worn to prevent eye injuries from sawdust, twigs, and other objects. It is also recommended that a hard hat be worn to protect the head from falling objects.

Understanding how to fell a tree is critical to the operator's safety. Making a proper undercut about ¼ the diameter of the tree on the side you want the tree to fall will help improve safety. Always clear an emergency escape route in case the tree falls in an unwanted direction. Enjoy the experience of cutting wood, but use common sense and play it safe.

Ask Questions Before Buying Feed

Due to this summer's drought, you may need to be buying large quantities of feed. As you shop around, you may find good deals especially when buying in bulk.

However, be aware of all the costs. As the buyer, you assume the risk of quality control, accuracy of weights, moisture levels, and storage losses.

A few of the questions you need to ask are:

- Is the quality and analysis guaranteed?
- Was the load rejected by some other buyer?
- Who is responsible for unloading the feed ingredient?
- Are you equipped to unload, store and handle the purchased ingredients.

Improve Conception With Tender Loving Care

One key to profits in dairying is having a 12.5-month calving interval. As dairymen strive to achieve this goal, they must recognize cows have feelings. Normal ovulation is triggered by the production of luteinizing hormone.

The release of this hormone is blocked when anxieties of various sorts causes a cow's system to produce the hormone adrenalin. Excessive loss of weight in early lactation and toxins produced by coliform mastitis organisms also will block the release of the luteinizing hormone.

Therefore, it is important to keep cows calm and comfortable and to minimize changes in daily routines when breeding time approaches. Maintaining cows in a positive energy balance and protecting them from various infections are also very important.

Feather Prof's Footnote: "If you fail to plan, you plan to fail."

THE BIBLE SPEAKS

BY LAWRENCE W. ALTHOUSE

SAD SONGS. TOO

December 15, 1991

Background Scripture: 2 Samuel 1.

Devotional Reading: Psalms 61.

It is a lot easier to sing when you're happy than when you're sad. Several times the words of a hymn have stuck in my throat as we sang during a funeral or memorial service. Nevertheless, it is well for us — and even imperative — to sing sad songs as well as glad ones.

I was brought up in a culture--Pennsylvania Dutch (actually German) — that placed an inordinately high value upon keeping feelings within. Expressing them was regarded as a kind of weakness. About 40 years ago I was in the audience of a televised quiz show. At the close of it, I was selected with several others to be interviewed as possible contestants for a future program. At one point, the show's host asked me, "And how would you react if you won the grand prize?" Without stopping to think, I blurted out, "Oh you wouldn't have to worry about me; I'd be calm, cool and collected!" Immediately I sensed that I had said the wrong thing although it didn't dawn upon me that what they were not looking for was "calm, cool, and collected."

POISONED WITHIN

I had placed such a high value upon stoicism that it escaped me that other people might not view it so positively. Later, but still early in my ministry, I saw that what often hurt some of my parishioners was not what they said, but what they left unsaid. It was their very controlled emotions, boxed-in, denied and covered-up, that often poisoned them from within. I also discovered that one can express feeling without going off the deep end.

So, we need to learn to sing sad songs as well as glad ones, for sadness is every bit as powerful as gladness and often we only deal with it once we have recognized it and consciously responded to it. This is what David is doing in what is often called "David's Lament", 2 Samuel 1:17-27. Did he actually sing this song, but then what we call a song today would not have been recognized as such by David in his day. Not only did he probably sing it himself — possibly to the accompaniment of the lyre — but he intended that "it should be taught to the people of Judah" (1:18).

WHEN GOD'S MISSING

That which David and his people sang is not particularly religious or spiritual. God, faith, and prayer are not mentioned. We know that David was a man who believed strongly in all three, but in this utterance he seems to have forgotten his faith. And that is understandable, because it sometimes happens to us, too. We can become so wrapped up in our grief that we momentarily forget our religious faith. There is nothing wrong with this kind of "Godless" expression, so long as it does not become a permanent condition. In the midst of our sorrow we need to be reminded that we are still in God's love and grace.

Maybe that's why God is missing from this lament (and some of ours). David is so hurt by this tragedy that he lashed out so that others might feel this hurt, too: "Ye mountains of Gilboa, let there be no dew or rain upon you..." Biblical commentators sometimes refer to this as "David's curse."

When we experience loss through death, we can become momentarily irrational and unspiritual. And that is why eventually, we must allow God to come into our sad songs and our grief so that he can cleanse them and heal us.

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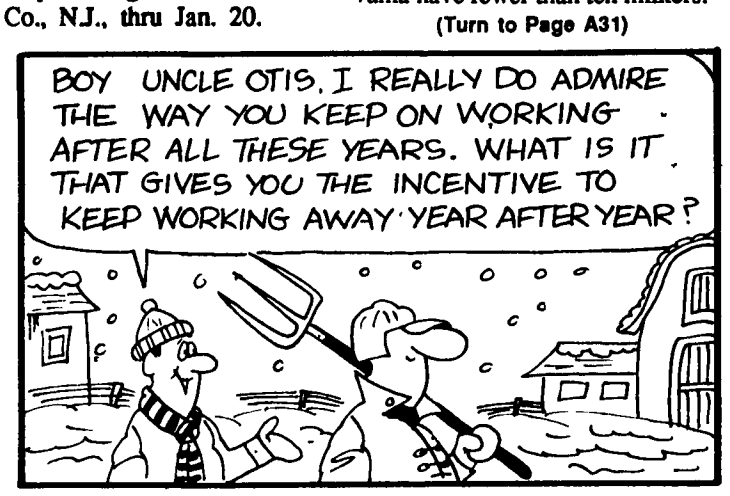
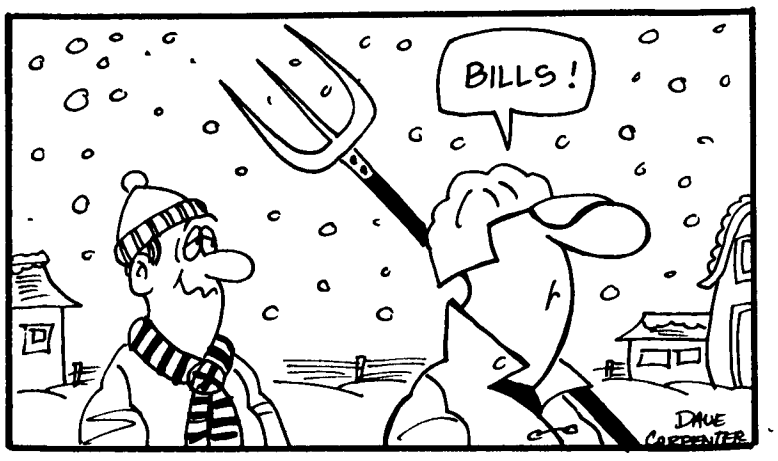

BOY UNCLE OTIS, I REALLY DO ADMIRE THE WAY YOU KEEP ON WORKING AFTER ALL THESE YEARS. WHAT IS IT THAT GIVES YOU THE INCENTIVE TO KEEP WORKING AWAY YEAR AFTER YEAR?



Mercer Livestock
Mercer, PA
Dec. 10, 1991

CATTLE 222...PDA...Compared with last Tuesday's market: High Choice 1460/1800 lbs. slaughter steers 64.85-62.75, Choice 66.00-70.00, few high yielding 70-71.75, Select 62.50-65.25. Choice sl. heifers 64.50-68.00, few High Choice 67.50-69.25, Select 60.60-64.00, few Standard 52.50-56.00, few Utility 50.00-53.00. Breaking Utility & Commercial sl. cows 47.25-51.10, Cutter & Boning Utility 44.00-48.50, Canner & Low Cutter 38.00-44.00, Shells down to 18.00. Yield Grade No. 1, 1100/2355 lbs. sl. bulls 56.00-64.00.

Feeder Cattle: Few Medium Frame No. 1, 480/850 lbs. steers 63.50-76.00, Large No. 1, 990/1150 lbs. 59.00-63.50, few 900/1030 lbs. 50.00-53.00. Medium Frame No 1, 270/420 lbs. heifers 66.00-74.00, Large No. 1, (one lot) 940 lbs. 65.00.

CALVES 96...Few Good vealers 80.00-86.00, Standard and Good 90/120 lbs. 60.00-78.00, 60/85 lbs. 51.00-64.00, few Utility 45/60 lbs. 31.00-44.00. Farm Calves: Hol. Bulls No. 1, 90/120 lbs. 110.00-155.00, No. 2, 80/115 lbs. 80 00-115.00; No. 1, few Hol. Heifers 90/140 lbs. 100.00-145.00.

HOGS 143...Barrows and gilts: US No. 1-2 225/255 lbs. barrows and gilts 40 00-41.25, one lot 41.85, 1-3 218/245 lbs 38.50-39.50,lot 287 lbs. 38.00, lot 2-4 284 lbs. 34.75, 1-3 160/200 lbs. 36 00-37.85. Sows: US No. 1-3 340/525 lbs sows 30.00-32.50, 2-3 300/550 lbs. 28 00-30.00. One Boar 20.00.

FEEDER PIGS 0...No market test - per head

SHEEP 7...One small lot High Choice 97 lbs. wool slaughter lambs 46.00, couple Good 88 lbs. 36.00. - all Cwt.

GOATS 4...Medium 25.00-34.00. - all per head.

Valley Stockyards
Athens, Pa.
Monday, December 9, 1991
Report supplied by auction

HOLSTEIN HEIFER CALVES TO 165.00.
VEAL CALVES MEDIUM TO 88.00.
VEALER BULL CALVES 125.00-160.00.
SLAUGHTER CALVES 65.00 AND DOWN.
GRASSERS & FEEDERS 40.00-60.00.
LAMBS SMALL 70.00-115.00.
WOOLED LAMBS TO 55.00.
SHEEP 12.00-30.00.
HOGS 200-250 LBS. 38.00-44.00.
SOWS 22.00-28.00.
BOARS 22.00-26.00.
PIGS EACH 12.00-26.00.
HEIFERS 45.00-52.00.
MEDIUM STEERS 50.00-57.00.
FEEDER STEERS 46.00-62.00.
BULLS 47.00-56.50.
GOOD COWS 45.00-49.00, FEW TO 51.00.
COWS MEDIUM 38.00-42.00.
COWS POOR OR SMALL 36.00 AND DOWN.
CATTLE MARKET STEADY; CALF MARKET SMALL CALVES CHEAPER; MARKET HOLDING ABOUT STEADY.
COLT: TO 90.00.
GOATS TO 100.00.

Peoria Cattle
Peoria, IL
Dec. 9, 1991

CATTLE: 1200 TRADING MODERATE. COMPARED WITH LAST MONDAY SLAUGHTER STEERS AND HEIFERS WEAK TO .50 LOWER. COWS AND BULLS MOSTLY STEADY. SUPPLY MAINLY SELECT TO AVERAGE CHOICE SLAUGHTER STEERS AND HEIFERS WITH ABOUT 12 COWS.
SLAUGHTER STEERS: CHOICE 2-4 1050-1250 LBS. 67.00-69.00 2 LOADS 69.25 MIXED SELECT & CHOICE 2-3 1000-1300 LBS. 64.00-67.00 SELECT 2-3 950-1200 LBS. 61.00-64.00
HOLSTEIN STEERS: MIXED SELECT & CHOICE 2-3 1050-1400 LBS. 58.00-61.00
SLAUGHTER HEIFERS: CHOICE 2-4 950-1200 LBS. 66.00-68.00 MIXED SELECT & CHOICE 2-3 900-1150 LBS. 63.00-66.00 SELECT 2-3 800-1100 LBS. 60 00-63.00
COWS: BREAKING UTILITY & COMMERCIAL 2-4 40.00-43.00 CUTTER & BONING UTILITY 2-3 42.00-46.00 FEW HIGH DRESSING 47.00-50.00 CANNER & LOW DRESSING CUTTER 1-2 35.00-40.00
BULLS: YG 1-2 1150-2300 LBS. 52.00-61.00 INDIVIDUAL 66.00 CATTLE 214
AB 67.50-69.25 AC 64.00-67.00 AE 67.00-69.25 AF 64.00-67.00 AI 61.00-63.00 AJ 63.00-64.00 BA 66.00-68.00 BB 65.00-67.00 BC 66.00-68.00 BD 65.00-67.00 BF 60.00-62.00 BG 62.00-63.00 BK 40.00-42.00 BL 41.00-43.00 BM 42.00-50.00 BN 37.00-40.00 BO 35.00-38.00 BQ 52.00-66.00 BS 52.00-66.00

Friend's Stockyard Inc.
Accident, Md. 21520
December 9, 1991

STOCK BULLS AND STEERS (200-500 LBS.) 70.00-98.00.
STOCK HEIFERS 60.00-80.00.
SLAUGHTER STEERS GOOD TO CHOICE 66.00-70.50; MEDIUM TO GOOD 62.00-65.50; HEAVY CHOICE OVER 1450 LBS. 62.00-66.00.
HOLSTEIN STEERS HEAVY 55.00-61.50; LIGHT 50.00-64.00.
SLAUGHTER HEIFERS GOOD TO CHOICE 64.00-69.00; MEDIUM TO GOOD 55.50-63.75.
BULLS HEAVY 55.00-65.75; LIGHT 50.00-58.50.
COWS FEW HIGH DRESSING 47.00-54.50; UTILITY HOLSTEIN 45.00-52.25, CANNERS 43.00-48.50, COMMERCIAL TO GOOD 41.00-47.00, CULL COWS 40.00 AND DOWN.
VEALS GOOD TO CHOICE 75 00-90.00, MEDIUM TO GOOD 66.00-74.00.
BOB CALVES 65.00 AND DOWN.
HOLSTEIN BULL CALVES, RETURN TO FARM (90-120 LBS.) 130.00-170.00.
HOLSTEIN HEIFER CALVES, RETURN TO FARM (100-120 LBS.) 120.00-168.00.
FEW INDIVIDUAL HOGS 40.00-44.50.
HOGS TOP QUALITY 39.00-40.50, HEAVY 35.00-38.50, LIGHT 35.00-37.00.
SOWS 28.00-34.00.
MALE HOGS: 20.00-25.00.
LAMBS: 40.00-45.00.
LIVESTOCK PRICES ARE ALL GIVEN PER HUNDREDWEIGHT!

Isennock Auction
New Park, PA
Monday, December 10, 1991
Report supplied by auction

SLAUGHTER COWS: 54.00 AND DOWN.
CALVES: 115-125 LBS. 125.00-142.00; 100-110 LBS. 110.00-144.00; 85-95 LBS. 80.00-135.00; WEAK AND ROUGH 75.00 AND DOWN.
HEIFER CALVES: 90-115 LBS. 125.00-155.00; OTHERS 84.00 AND DOWN.
FEEDER STEERS: 540-710 LBS. 69.00-72.00.
FEEDER HEIFERS: 430-635 LBS. 57.00-69.00.
BULLS: ONE AT 1060 LBS. 64.25.
SOWS: 380-500 LBS. 28.00-31.00.
BOARS: 1 AT 350 LBS. 23.00.
HOGS: ALL WEIGHTS, 40.00 AND DOWN.
FEEDER PIGS: 23.00-24.50 HEAD.
GOATS: MEDIUM BILLY 50.00 HEAD.

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3200	7	40 WATTS	400
3500	9	60 WATTS	600
3700	13	75 WATTS	900
3900	22	90 WATTS	1300

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Baby Pig Creep Feeder
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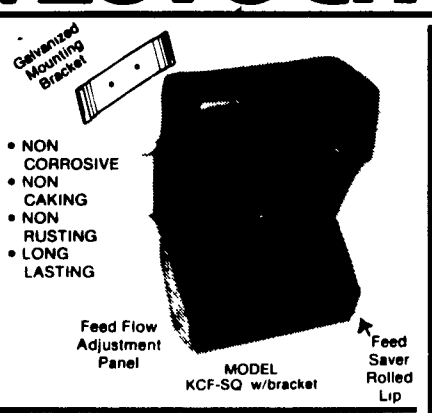

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FOR WATERING AND MEDICATING YOUR BABY PIGS.
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- KEYHOLE MOUNTING EASY ADJUSTED UP
- STAINLESS STEEL NIPPLE
- HANG TAB LID
- HEAVY DUTY POLYETHYLENE

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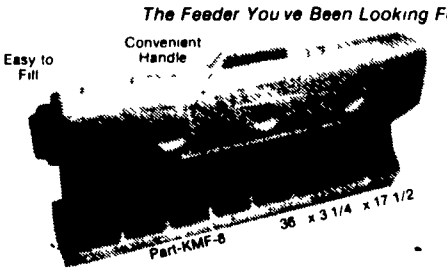
The Feeder You've Been Looking For



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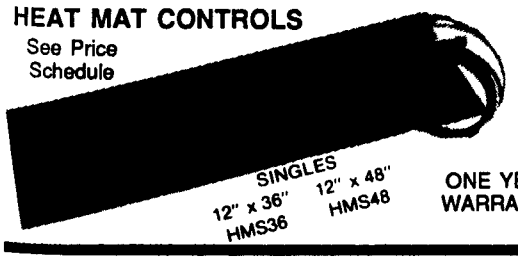
Designed for Farrowing Crate

HEAT MATS
THIS PRODUCT IS A FIBERGLASS ELECTRICALLY HEATED MAT TO PROVIDE A WARM BED FOR BABY PIGS TO HELP INCREASE NUMBER OF PIGS PER LITTER.—MATS DESIGNED FOR ALL TYPES OF FARROWING!

★ Use with farrowing crates, elevated crates, pens or cages.
★ Double Mats with two cords - Each side individually heated to save energy.
★ Electrical requirement - Uses 110-120 AC - has 18" stainless steel electrical cord protector with an 10' electrical cord.

HEAT MAT CONTROLS
See Price Schedule



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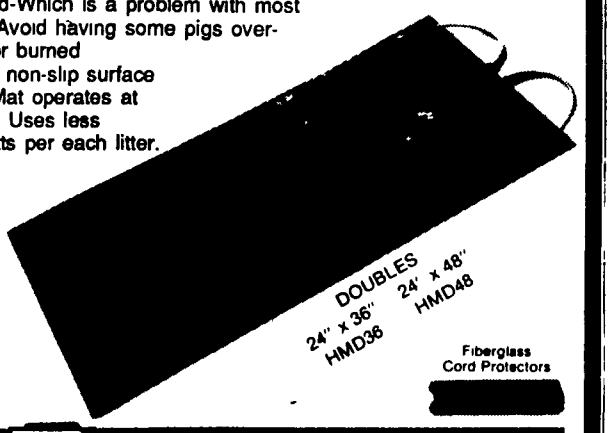

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Four States Livestock

Hagerstown, Md.
Wednesday, December 11, 1991
Report supplied by Auction

SLAUGHTER COWS: 94 HEAD, 1.00 HIGHER. UTILITY 47.00-50.00, HIGH DRESSING TO 52.50; CANNERS 43.00-47.00; SHELLY 43.00 DOWN.

BULLS: YG#1 1600-1800 LBS. 62.00-65.00.

FED STEERS: GOOD RUN. HIGH CHOICE TO PRIME 1300-1450 LBS. 67.00-70.00; 1475-1600 LBS. 64.00-68.00; LOW CHOICE 62.00-65.00.

FED HEIFERS: HIGH CHOICE 1050-1150 LBS. 65.00-67.75; FEW 850-975 LBS. 60.00-63.50.

VEAL CALVES: CHOICE, NONE OFFERED; CULLS 85-110 LBS. 60.00-69.00; 50-80 LBS. 50.00-60.00; WEAK/ROUGH 50.00 DOWN.

FARM CALVES: HOLSTEIN BULLS #1 90-125 LBS. 125.00-144.00; #2 80-95 LBS. 70.00-110.00; HOLSTEIN HEIFERS 100-125 LBS. 100.00-135.00; 80-95 LBS. 90.00-110.00; BEEF X BULLS 90-120 LBS, 120.00-152.00.

BUTCHER HOGS: GOOD DEMAND. US#1&2 215-260 LBS. TO 39.10; 260-280 LBS. 37.00-39.50; 280-350 LBS. 32.00-39.00; FEW TO 42.00.

SOWS: FEW OFFERED. 400-650 LBS. 28.50-32.25.

BOARS: 1 335 LB. AT 25.00.

STOCK CATTLE: 178 HEAD. STEERS 200-400 LBS. 75.00-88.00; 400-600 LBS. 74.00-83.00; 600-800 LBS. 70.00-83.00; 800-1050 LBS. 60.00-68.25.

HEIFERS: 300-500 LBS. 67.00-76.00; 500-700 LBS. 62.00-72.00; FEW TO 77.00, 1 AT 100.00; 700-850 LBS. 57.00-63.00; 850-1000 LBS. 55.00-62.00.

BULLS: 200-400 LBS. 75.00-88.00; 400-600 LBS. 65.00-76.00; LIMOUSIN OR SIMMENTAL X 750-900 LBS. 64.00-67.00; HEREFORD OR ANGUS 52.00-55.00.

DAIRY REPLACEMENTS: FEW OFFERED. SPRINGER 775.00-1135.00; REG. HOL. BULL 1065 LBS. AT 675.00.

LAMBS: 88 HEAD, 3.00-5.00 HIGHER! HIGH CHOICE TO PRIME 100-120 LBS. 52.00-58.00; 85-95 LBS. 55.00-63.00; GOOD TO CHOICE 50-75 LBS. 55.00-67.00.

SHEEP: 16.00-26.00; YEARLINGS TO 39.00.

GOATS: FEW MEDIUM 45.00-53.00.

PIGS AND SHOATS: 126 HEAD, PRICES HIGHER. BY THE HEAD, 15-25 LBS. 16.00-23.00; 30-45 LBS. 24.00-30.00; 50-70 LBS. 34.00-43.00; BY THE POUND, 95-125 LBS. 35.00-40.00; 140-180 LBS. 33.00-39.00.

STOCK BOARS: 210-250 LBS. TO 33.50.

NEXT WED., DEC. 18, SPECIAL DAIRY CATTLE SALE. SELLING NEXT WED., DEC. 18, 5 OR 6 8 WEEK OLD POT BELLY PIGS.

Westminster Livestock Auction

Hagerstown, Md.
Tuesday, December 10, 1991
Report supplied by auction

SLAUGHTER COWS: 116 HEAD. UTILITY 47.00-50.00; HIGH DRESSING TO 51.50; CANNERS 43.00-47.00; SHELLY 43.00 AND DOWN.

BULLS: GOOD DEMAND. YG#1 1300-1900 LBS. 59.00-64.00; YG#2 54.00-58.00.

FED STEERS: HIGH CHOICE 1200-1375 LBS. 68.00-69.25; SELECT 1000-1200 LBS. 62.00-65.00; STANDARD 55.00-60.00; 1 CHOICE HOLSTEIN 1340 LBS. 59.75.

FED HEIFERS: 1 CHOICE #3 1140 LBS. 65.25; SELECT 1050-1500 LBS. 60.00-63.50.

VEAL CALVES: CHOICE FEW 200-300 LBS. 95.00-106.00; GOOD 85.00-95.00; CULLS 85-110 LBS. 62.00-70.00; 50-80 LBS. 55.00-62.00; WEAK/ROUGH 50.00 AND DOWN.

FARM CALVES: HOLSTEIN BULLS #1 90-125 LBS. 125.00-147.00; #2 100.00-125.00; 80-85 LBS. 75.00-95.00; HOLSTEIN HEIFERS 95-130 LBS. 111.00-140.00; BEEF X BULLS FEW OFFERED.

BUTCHER HOGS: 85 HEAD. US#1-3 215-260 LBS. 38.00-39.00; 260-280 LBS. 34.00-37.50; 280-325 LBS. 27.00-33.00; FEW TO 36.00.

SOWS: 52 HEAD. 300-500 LBS. 27.00-29.25; 500-700 LBS. 27.00-30.00.

BOARS: 25 HEAD. 350-650 LBS. 24.00-26.00; FEW 300 LBS. 27.00-28.50.

STOCK CATTLE: 200 HEAD. STEERS 200-400 LBS. 79.00-87.00; 400-600 LBS. 72.00-82.00; 600-800 LBS. 69.00-77.00; HOLSTEINS 55.00-60.00; 800-1000 LBS. 62.00-68.00; 1000-1100 LBS. 54.00-58.00; HOLSTEINS 52.00-54.00.

HEIFERS: 300-500 LBS. 69.00-79.00; 500-700 LBS. 65.00-74.00; 700-850 LBS. 55.00-63.00.

BULLS: 200-400 LBS. 80.00-98.00; 400-600 LBS. 68.00-80.00; 600-800 LBS. 66.00-72.00.

LAMBS: 80 HEAD. CHOICE 100-120 LBS. 48.00-52.00, FEW 54.00-58.00; 80-99 LBS. 52.00-60.00; 60-80 LBS. 65.00-69.00; 1 55 LB. AT 78.00.

SHEEP: 30 HEAD 19.00-28.00. PRICES HIGHER. YEARLINGS TO 35.00.

GOATS: 26 HEAD. LARGE 60.00-70.00, 1 AT 93.00; MEDIUM 40.00-60.00.

PIGS AND SHOATS: 220 HEAD. 15-25 LBS. 11.00-22.00; 30-45 LBS. 25.00-30.00; 7 HEAD 60 LBS. AT 36.00; BY THE POUND, 35 HEAD 70-120 LBS. 50.00-52.00; CULLS 120-185 LBS. 26.00-38.00.

STOCK BOARS: 200-250 LBS. 32.00-36.25.

Grantsville Livestock

Grantsville, Maryland
Sat., December 7, 1991

HOGS: TOP BARROWS & GILTS 36.50-41.00; HEAVY BUTCHER 36.00-42.00; LIGHT BUTCHER 35.00-40.00; BUTCHER SOWS 30.00-37.50; FEEDER SHOATS 10.00-30.00.

VEAL: GOOD 90.00-105.00; STANDARD 65.00-85.00; UTILITY 40.00-60.00; BULL CALVES 110.00-150.00.

SHEEP & LAMBS: GOOD 36.00-37.50; UTILITY 33.00-35.00; SLAUGHTER EWES 12.00-16.00.

GOATS: 20.00-60.00.

SLAUGHTER CATTLE: STEERS, GOOD 64.00-68.50; STANDARD 62.00-63.00; UTILITY 55.00-60.00.

HEIFERS: GOOD 60.00-65.50; STANDARD 54.00-58.00; UTILITY 55.00-60.00.

COWS: COMMERCIAL 45.00-50.00; UTILITY 40.00-42.00; CANNER & CUTTER 38.00 TO DOWN.

BULLS: COMM. & GOOD 55.00-60.00; CUTTER & UTILITY 45.00-50.00.

STOCK-FEEDER CATTLE: GOOD 70.00-75.00; MEDIUM 55.00-65.00.

STEER CALVES: GOOD 70.00-80.00; MEDIUM 60.00-67.50.

HEIFER CALVES: GOOD 65.00-75.00; MEDIUM 55.00-60.00.

EGGS: LARGE 55.00-75.00; MEDIUM 50.00-65.00.

North Jersey Livestock

Hackettstown, NJ
Tuesday, December 10, 1991
Report supplied by auction

CALVES .40-1.70.
COWS .34½ -52½ .
EASY COWS .05-.45½ .
HEIFERS .35-.64.
BULLS .42-.66½ .
STEERS .43½ -.73.
HOGS .25-.37½ .
SOWS .22½ -.27.
ROASTING PIGS 12.00-38.00 EACH.
BOARS .20-.22½ .
SHEEP .10-.50.
LAMBS EACH 28.00-70.00.
LAMBS PER LB. .30-.91.
GOATS EACH 40.00-130.00.
KIDS EACH 15.00-70.00.
HIDES EACH 14.00-17.00.
TOTAL 1220.

CERAMIC HEAT

ONLY 3¢ Per Hour
5 YEAR WARRANTY

TOP QUALITY SALES PEOPLE TO HELP YOU

SALE $31.95
Better Quality Ceramics Available

- Heats A Large Room
- Auto Safety Shut-Off
- Thermostat Controlled
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- 5,200 B.T.U.
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• Best $89.99

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A DIVISION OF LEOLA HEATING CTR.
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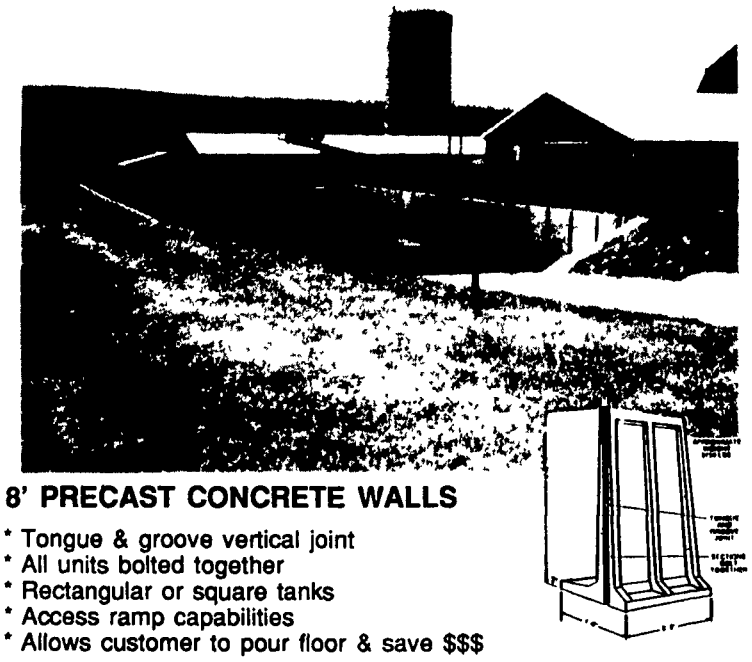
Out Of PA - 1-800-237-0400

Manure management systems to match your kind of livestock, type of manure ...and economics



8' PRECAST CONCRETE WALLS
* Tongue & groove vertical joint
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* Allows customer to pour floor & save $$$

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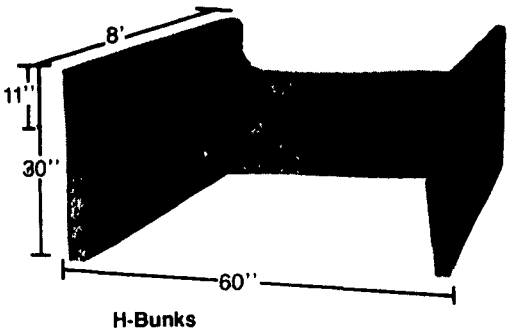
For Bunker Silos & Manure Systems Call Tabb Justus 717-762-8663 or Mike Hair 717-263-0792

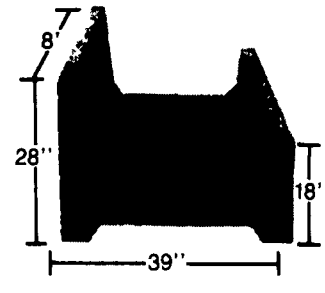
Long Core Cattle "Waffle Slats"

Heifer "Waffle Slats"
The concrete slat with Your Animals Comfort In Mind

Hog "Waffle Slats" Concrete Hog Penning



H-Bunks



J-Bunks

Contact Us For Complete Details On Heifer Cattle, Hog And Free Stall Barns

KEYSTONE CONCRETE PRODUCTS INC.
477 East Farmersville Rd.
New Holland, PA 17557
(717) 355-2361
"WAFFLE SLAT" ® Syr Con Corporation

Phila. Vegetables

Dec. 11, 1991

CLEAR 26-50.

ARTICHOKES CA ctn 48s & 60s fair cond 5.00.

ASPARAGUS HIGHER PERU 11-lb crt bchd 10s exlge 25.00 lge 27.00 std 27 00 MEXICO 12-lb ctn bchd 12s std few 26.00-28.00.

BEANS LOWER FL various bu containers Round Green type 15.00-16.00 few 14.00 fair qual 8.00-10.00 ord cond 3.00.

BEANS-LIMA NO OFFERINGS.

BEETS TX crt bchd 12s 7.00 topped 25-lb film bags 7.00 NJ topped bubkts few 9 00-10.00.

BROCCOLI HIGHER CA ctn bchd 14s 12 00-14.00 mos 13.00 18s 13.00-14.00 lse crowns 17.50- 18.00 TX ctn bchd 14s 9.00-10.00 mos 9.00 18s 9.00-10.00.

BRUSSEL SPROUTS CA 25-lb ctn 15 00-16.00 few 18.00.

CABBAGE ABOUT STEADY 1-3/4 buctn & crt med green unless otherwise stated NJ 6.00-7.00 fair cond 5.50 NY Red 9 00-10.00 50-lb sks 7.00 NC 7.00-8.00 mos 8.00 Savoy type 9.00-10.00 Red few 12 00 FL 8.00 GA 6.00-7.00 fair cond 5 50.

CARROTS FILM BAGS LOWER, OTHERS ABOUT STEADY 48-1 lb film bags in film sacks CA med-lge 12 00-13.00 FL med few 12.00 50-lb sacks lse jbo CA via rail 7.00 FL 7.50-8.00 few high as 10.00 50-lb ctns lse med-lge CA few fair cond 7.00 ctn bchd 24s CA 10 50.

CAULIFLOWER OFFERINGS LIGHT CA ctn film wrpd 12s 25.00-26.00.

CELERY 1-1/2-2-1/2 DOZEN LOWER, OTHERS ABOUT STEADY CA ctn 1-1/2 doz 9.00 2 doz 9.00 2-1/2 doz 8 50-10.00 3 doz 11.00 film wrpd fair cond 6.00 Hearts film wrpd 18s 11.00 FL ctn 2-1/2 doz 6.00-7.00.

CHINESE CABBAGE FL Celery crt 8.00-9.00 Nappa 9.00-10.00.

CORN OFFERINGS LIGHT FL wirebound crt 4 doz min Yellow offerings insufficient to quote White 13.00-14.00 Bi-Color ord cond 3.00-5.00.

CUCUMBERS HIGHER 1-1/9 bucrts & ctns waxed medium unless otherwise stated FL 8.00-10.00 fair cond 5.00-6.00 fair qual 5.00-6.00 few 7.00 HONDURAS fair qual 5.00- 6.00.

DAIKON OFFERINGS INSUFFICIENT TO QUOTE.

EGGPLANT ABOUT STEADY FL 1-1/9 buctn med incl wrpd 5.00-6.00 few 7.00 fair qual 3.00-5.00 one lot 2.00.

ENDIVE ABOUT STEADY FL 1-1/9 bucrt 6.00 few 6.50 BELGIUM 10-lb ctn Witloof type 14.00.

ESCAROLE ABOUT STEADY FL 1-1/9 bucrt 6.00 few 6.50.

GARLIC per lb CA 30-lb ctn White colossal .95 super jumbo .90 extra jumbo .85.

GREENS ABOUT STEADY crt & ctn approximately 1-1/2 bu bchd unless otherwise stated NJ Collards 5.00-6.00 Turnip Tops with root few 7.00 Kale 5.50-6.00 Upland Cress 7.00 PA Collards 6.00 Mustard & Turnip Tops 5.50 Kale 5.50-6.00 NC Mustard, Turnip Tops & Rape 6.50 VA Kale 5.50.

LEEKS ABOUT STEADY NJ crt bchd 12s 9.00-11.00 mos 10.00 FL crt bchd 12s 10.00-12.00 CA ctn bchd 12s few 12.00.

LETTUCE ICEBERG ABOUT STEADY ctn 24s unless otherwise stated AZ 11.00-13.00 mos 12.00 few 10.50 film wrpd 24s 14.00-15.00 30s 11.00 CA fair qual 10.00 film wrpd 24s 13.00- 15.00 30s 10.00 ROMAINE SLIGHTLY HIGHER CA 24s ctn 10.00-12.00 mos 11.00-12.00 few hgr crt 13.00-14.00 mos 14.00 few hgr AZ ctn 24s 10.00-11.00 FL ctn 24s 6.00-8.00 BOSTON CA ctn 24s few 9.50 fair cond 5.00 Red 7.00 FL ctn 24s 6.00-8.00 mos 6.00 BIBB FL ctn 24s 5.00-6.00 LEAF CA ctn 24s 9.00 few hgr Red 8.00-9.00 few 10.00.

MUSHROOMS STEADY PA 4-qt bkt med-lge 4.50-5.00 few 5.50 sml-med 3.50-4.00 10-lb ctn med 8.25-9.00 mos 8.50 lge 11.00 few 11.50 exlge 11.00-11.50 packages 10-12 oz 8.25-9.00 mos 8.50 3-lb ctn Shiitake 18.00 fair qual 15.00.

OKRA TOO FEW SALES TO QUOTE.

ONIONS-GREEN SLIGHTLY LOWER TX crt bchd 24s med-lge bulb few 8.00 MEXICO ctn bchd 48s 5.00-6.00 mos 5-5.50.

PARSLEY ABOUT STEADY bchd 5 doz Curly unless otherwise stated FL crt incl Plain 8.00-10.00 some 7.00 TX ctn few 11.00.

PARSNIPS NJ 1/2 buctn few 10.00.

PEAS-GREEN STEADY GUATEMALA 10-lb ctn per lb Sugar type .80-1.00 Sugar Snap type few 1.40- 1.60.

PEAS-SOUTHERN NO OFFERINGS.

PEPPERS ABOUT STEADY 1-1/9 bucrts & ctns Calif Wonder type Green unless otherwise stated FL jbo fair cond 5.00 exlge 6.50-7.00 few high as 8.00 fair cond 5.00-6.00 ord cond 1.00-3.00 lge 5.00-6.00 fair qual 3.00 ord cond 1.00-3.00 med 4.00- 5.00 ord-fair cond 1.00-3.00 Mixed Red lge 6.00 fair cond 3.00-4.00 med 3.00-4.00 Red exlge fair cond 8.00-12.00 lge fair cond 8.00-10.00 Cubanelle med 6.00-7.00 1/2 buctn Jalapeno 8.00 TX exlge & lge 5.00 Red lge 12.00- 15.00 med 10.00-12.00 MEXICO Red lge fair qual 12.00 15-lb ctn Red exlge & lge 18.00.

RADISHES ABOUT STEADY FL ctn Red 30-6 oz film bags 3-3.50 mos 3.00 14-1 lb film bags 3.50-3.75 MEXICO ctn Red bchd 24s 5.00-6.00.

RHUBARB NO OFFERINGS.

RUTABAGAS CANADA CD#1 waxed med 50-lb ctns 8.00.

SPINACH ABOUT STEADY NJ Savoy type bubkt few 9.00-10.00 1-1/ bucrt 7.00 PA Savoy type 1-1/9 bucrt 7-7.50 CA Flat type bchd 24s crt 16.00 REPACKED ENROUTE ctn 12-10 oz film bags Savoy type 9.00 few 9.50.

SQUASH HIGHER 1/2 bucrt & ctn unless otherwise stated FL Zucchini sml-med 6.50 fair appear 4.00-6.00 fair cond 2.00-3.00 med fair cond 2.00-3.00 med-lge 2.00- 3.00 Yellow Straightneck too few sales to quote.

SWEET POTATOES ABOUT STEADY NC 40-lb cartons Jewel type US#1 cured few 13.00 NJ 1/2 buctn cured Yellow Jersey 7.00-8.00 fair qual 6.00 Red Jersey 10.00.

TOMATOES SLIGHTLY LOWER 25-lb ctn Pink to Light Red 85% or better US#1 qual unless otherwise stated FL exlge 6.00 lge 4.50-5.00 mos 5.00 fair qual exlge 5.00 lge 4.00 vineripe exlge 5.00-6.00 lge 4.00-5.00 REPACKED LOCALLY FL & CA exlge 8.50 lge 8.00 med 8.00 PLUM TYPE FL 7.50 CHERRY TYPE flats 12-1 pt trays FL 5.00-6.00 MEXICO 5.50.

TURNIPS topped PA 25-lb film bags med 5.00.

VEGETABLES-OTHER CA 1-lyr flat Radicchio 12s 11.00 ITALY 1-lyr flat Radicchio 12s 9.50-10.00 mos 9.50.

WATERCRESS FL ctn bchd 24s 10.00.

Phila. Potato & Onion

Dec. 11, 1991

CLEAR 36-50.

ONIONS-DRY STEADY 50-lb sacks US#1 or generally good quality and condition Yellow unless otherwise stated ID-OR Spanish Hybrid type jumbo 7.50-8.00 White jumbo 20.00 25-lb sks White Boilers 15.00 Red lge 8.00 med 6.00 CO Spanish Hybrid type jumbo 7.50-7.75 fair cond 6.00-7.00 UT White jumbo 19.00 WA Spanish Hybrid type jumbo hvy to min sz 7.00-7.50 NY Globe type med 6.00-7.00 few 5.00 MI Globe type med 6.75-7.00 25-lb sks Red lge 6.50 new crop MEXICO grano/granex type White jumbo 23.00.

POTATOES ABOUT STEADY 50-lb sacks US#1 size A washed or brushed unless otherwise stated ROUND WHITES NYLI 5.00-5.50 lge 5.50-6.00 mos 6.00 baled 5-10 lb paper sks 6.00-6.25 10-5 lb paper sks 7.00-7.25 PA 4.50 CANADA CD#1 Prince Edward Isle 5.50-6.00 Round Reds MN/ND 6.50-7.00 sz B 10.00-11.00 few 9.50 WI 6.50 NY 5.00-6.00 RUSSETS Norkotah 50-lb carton count unless otherwise stated ID Burbank 70s 11.00-11.50 few 12.50- 13.00 80s 11.00-11.50 mos 11.00 few 12.50-13.00 some 10.00 90s 9.00-10.00 mos 9-9.50 some 8.50 100s 7.00-8.00 mos 7.50-8.00 120s 7.00 WI 70s 8.00 80s 7.50-8.00 90s 7.00 100s 6.00-6.50 MN 70-90s 6.50 100s 6.00 CO 80s 8.00 90s 7.00-7.25 100s 6.00

Leinbach's Shippensburg Produce Auction

(717)532-5511
Shippensburg, PA
Average Prices Of #1 Produce
December 7 and 10
Open 11 a.m. Tues. and Sat.
Report Supplied by Auction

APPLES: 1.50-5.00 ½ BU.
CABBAGE: 2.75-3.50 50 LBS.
CIDER: .85-1.50 GAL.
SWEET POTATOES: 3.00-5.00 ½ BU.
TURNIPS: 2.50-3.00 25 LBS.
POTATOES: RED AND WHITE 5 00-6.00 50 LBS., 2.00-2.50 20 LBS.
POINSETTIAS: .50-5.50 EACH.
CHRISTMAS CACTI: 1.50-3.50 EACH.
PINE WREATHS: 3.00-6.00 EACH.
CHRISTMAS TREES: 5-8' 7.00-14.00.

Lebanon Valley Livestock

Fredericksburg, PA
Dec. 10, 1991

CATTLE 144... PDA ...Compared with last Tuesday's market: Slaughter cows uneven, about steady. Individual Choice Holstein steer 64.25, few Select 59 00-61.75, few Standard 56.00-61.00. Few Select sl. heifers 54.00-57.25. Breaking Utility & Commercial sl. cows 47.75-50.75, couple to 51.75, Cutter & Boning Utility 46.00-51.00, couple to 52.25, Canner & Low Cutter 42.00-45.50, Shells down to 35.00. Few Standard sl. bullocks 53.75-56.25. Few Yield Grade No 1, 1520/1950 lbs. sl. bulls 59.50-67.50.

CALVES 195...Standard and Good 75/95 lbs. vealers 55.00-65.00, Utility 60/80 lbs. 45.00-55.00. Farm Calves: Hol. Bulls No. 1, 90/125 lbs. 125.00-168.00, No. 2, 80/120 lbs. 68.00-115.00; No. 1, Hol. Heifers 80/115 lbs. 100.00-160.00

HOGS 92...Barrows and gilts: One Lot US No. 1-2 245 lbs. barrows and gilts 40.50, 1-3 220/250 lbs. 39.25-39.85, few lots 2-3 270/280 lbs. 34.50-35.10. Sows: Few US No. 1-3 450/600 lbs. sows 26.00-29.00. Few Boars 23.00-25.00.

FEEDER PIGS 0...No market test - per head.

SHEEP 0...No market test. - all Cwt.

GOATS 0...No market test. - all per head.

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49 East Main Street, Leola
656-7544 or 392-1333
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White Washing & Barn Cleaning
w/Compressed Air.
Dries white.
Comparable w/competition's materials.
Prices Can't Be Beat!
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Coming...
C.B. Hoober & Son, Inc.
Intercourse, PA - Middletown, DE
BIG SAVINGS IN THE PARTS DEPARTMENT
LOOK For Special Insert In December 28 Issue

AUCTION PARADISE TOBACCO SALES AUCTION
Ph. 717-687-0990
PENNSYLVANIA 609 TOBACCO MARKET
High - $1.60/lb. Low - $.75/lb.
Average $1.44½ /lb.
Next Sale - Mon., December 16th - 10:00 a.m.
Last Sale of This Year Wed., December 18th - 10:00 a.m.
Friday, Dec. 20th Sale - Cancelled
First Sale of the New Year - Mon., Jan. 6 - 10:00 a.m.
Receiving Tobacco Sat., Mon., Tues., Thurs. And Mornings Of Sale.
Ask for Mitch White About Trucking! 3 Or 4 Trucks Available.
PLEASE WATCH YOUR MOISTURE!!!
Don't strip too damp. We need to grade your tobacco. We want to present an honest neat package. No nesting.
3 Compartment bale box on stock for lease or sale. Lathe holders for sale. If you need a representative to visit you, please call.
PARADISE TOBACCO SALES
717-687-0990
We Are Dedicated To The Farm Community!
OUR BIGGEST CONCERN IS YOUR TOBACCO MARKET!

LEESPORT FARMER'S MARKET
North end of Leesport, PA Turn East off Route 61
"WHERE FRIENDS MEET"
BERKS COUNTY'S ONLY WEEKLY CATTLE & SWINE AUCTION — WEDNESDAY AT 1 P.M.

FARMER'S MARKET Every Wednesday, 9 AM TO 8 PM
Garden Fresh Fruits & Vegetables - Bakery Fresh Cakes, Pies and Buns - Butcher Fresh Meats & Cheese - Sporting Goods - Clothing - Furniture - Jewelry - Used Items & Collectibles.
PHONE: 215-926-1307 **BILL WEIST & WOODY WEIST, MGRS.**

Phila. Fruit Market

Dec. 11, 1991

CLEAR 36-50.

GRAPEFRUIT STEADY FL 4/5 buctn Seedless Red 23-32s 8.00 48s 7.50 56s 7-7.50 White 27-56s 5- 5.50 Indian River Red 18s 10.00 23s 10.00-10.50 27s 10 00-10.50 some 9.00 32-36s 10.00-10.50 40s 9.00-10.00 few 10.50 48s 9 00-10.50 56s few 10.50 fair qual 27s 7-7 50 32-40s 7.00-8.00 48-56s 8.00 Star Ruby fair qual 27s 6.00 32s 6.50 36-40s 6.50 occ 6.00 48s 6.50 White 23-40s 8.50-9.50 48s 8.00-9.00 BAHAMAS 4/5 buctn Star Ruby Red 18-27s 11.00-11.50 32s 11.00 36- 40s 10.00-11.00 48s 9.00.

LEMONS STEADY CA ctn 140s 19.00 few hias 24.00 165s 16.00 200s 14.00 fair qual 115s 23.00 140s 16-16.50 165s 15.50 200s 13.00-13.50 fair cond 10.00 235s 11 50 ord qual 165s 12.00 AZ ctn 165s 15.00 fair qual 115s 16.50 140s 14 00-17.00 165s 12.50-15.00.

LIMES STEADY 10-lb ctn Persian Seedless type FL 42s 5.00-6.00 one label 7.50 48s 6.00 one label 7.50 54-63s 6-6.50 one label 7.50.

MISC CITRUS FL 10-lb ctn Kumquat 14.00 SPAIN 10-kilo crt Clementine 108s 24.00-26.00 126s 23.00 occ 22.00 140s 23.00 occ 22.00 2-1/2 Kilo-crt 35s 6.50-7.00 40s 5.50-6.00.

ORANGES STEADY FL 4/5 buctn Hamlin 64s 11.50 fair cond 6.00-8.00 80s 11.50-12.00 fair cond 7.50-8.00 100s 9.50-10.50 some 11.00 fair cond 7.00 125s 8.50-9.50 some 10.00 fair cond 6.00 Navels 64s 11.00-12.00 80s 10.00 100s 7.00-8.00 Pineapple 80s fair cond 8.00 CA ctn Navel 56s 19.00 72s 18.50-19.00 mos 18.50 some 16.00 88s 16.00-16.50 mos 16.50 some 14.00 113s 12.50-13.00 mos 13.00 138s 11.00 163s 9.50 fair qual 56s 14.00-16.00 72s 13.00-14.00 mos 14.00 88s 12.00-13.00 mos 13.00.

TANGELOS STEADY FL 4/5 bucrt Orlando 80s 13.50 100s 8.00-10.00 one label 11.50.

TANGERINES CA LOWER, OTHERS ABOUT STEADY FL 4/5 buctn & crt Sunburst 80-100s 28.00 120s 24.00 150s 21.00 fair cond 80-120s 15.00 Dancy 150s 13.00 few 14.00 176s 12.00-13.00 180s 14.00 210s 12.00 CA 1/2 buctn Fairchild jbo 13.00 med 7.00-8.00 MEXICO 4/5 bucrt Dancy fair qual & cond 80-100s 10.00-12.00 120s 10.00-14.00.

APPLES STEADY REGULAR STORAGE ctn tray pack WA Red Delicious WAExFcy 48-56s 27.00 80s 22.00 88s 23.00 one label 24.00 100s 20.00-21.00 mos 20.00 one label 22.00 113s 18.50 USExFcy 72s 21.00 80-88s 19.00-21.00 100s 17.00-19.00 113s 16.00-19.00 125s 16.00-18.00 138s 16.00 US#1 Hail Grade 80-88s 16.00 100s 15.00-15.50 113-125s 15.00 Golden Delicious WAExFcy 88s 22.00-23.00 100s 20.00-21.00 mos 21.00 113s 18.00-19.00 138s 18.00 USExfcy 100s 19.50 CA Granny Smith USExFcy 80s 20.00 88s 23.00 100s 22.00 NC Red Rome Comb USExF- cy-USFcy 64-80s 12.00 VA Red Delicious USFcy 88-100s 11.00-12.00 113s 10.00 ctn cell pack NY McIntosh US#1 80s 13.00 100s 12.00 120s 11.00 140s 10.00 ctn 12-3 lb film bags 2-1/4" min USFcy unless otherwise stated NY McIntosh 11.00 NC Red Rome 7.00.

APPLE-PEARS OFFERINGS INSUFFICIENT TO QUOTE.

AVOCADOS FL flat ctn various greenskin varieties 7-8s 7.00-8.00 10-12s 7.00-8.00 CHILE 2-lyr flat Hass 50s 50.00 60s 46.00.

BANANAS IMPORTS ctn 40-lb 10.50-11.00 fair qual 9.50-10.00 film wrpd 11.00 Institutional pack Petite 150s 12.00.

BLACKBERRIES GUATEMALA flats 12-6 oz film wrpd cups 24.00.

BLUEBERRIES OFFERINGS INSUFFICIENT TO QUOTE.,

CHERRIES TOO FEW SALES TO QUOTE.

COCONUTS DOMINICAN REPUBLIC sacks 40s few 14.00.

CRANBERRIES OFFERINGS INSUFFICIENT TO QUOTE.

FIGS OFFERINGS INSUFFICIENT TO QUOTE.

GRAPES-TABLE STEADY CA 23-lb lug Ruby Seedless 13.00-14.00 Black Seedless 12.00 Emperor 11.00- 14.00 Ribier 13.00-14.00 Calmeria 11.50-13.00 21-lb lug film bags Thompson Seedless 14.50-17.50 Flame Seedless 14.00-15.00 Red Seedless 12.00-14.00 Ruby Seedless 13.00-15.50 few 18.00 Ribier 12.00-13.00 20-lb ctn film bags Thompson Seedless 11.00-13.00 20-lb ctn wrpd Thompson Seedless one label few 22.00 ord cond 7.00-10.00 16-lb wrpd Thompson Seedless 14.00-16.00 few 17.00 16-lb film bags Thompson Seedless incl fair cond 12.00-13.00 CHILE 18-lb lug wrpd Thompson Seedless 23.00-25.00 sml 22.00 Perlette TOO FEW SALES TO QUOTE.

KIWIFRUIT STEADY NEW ZEALAND 1-lyr flat 33s 7.75-8.50 36s 7.50-8.50 39s 7.75-8.00.

MANGOS BRAZIL ctn Tommy Atkins 11s 13.00 12s 13.00 fair cond 10.00.

NECTARINES NO OFFERINGS.

PAPAYAS HAWAII ctn via air 9s 11.00.

PEACHES CHILE 2-lyr ctn Maycrest 68s 12.00.

PEARS STEADY OR 4/5 buctn wrpd US#1 Bosc 80-90s 29.00 100s 27.00 110s 24.00 120s 19.00 D'Anjou ORFcy 165s 13.00 WA 4/5 buctn wrpd D'Anjou WAExFcy 90s 24.00 100s 23.00 110s 22.00 120s 20.00 US#1 80s 24.00 90s 23.00-24.00 100s 21.00- 22.00 mos 22.00 110s 21.00 120s 18.50-19.00 135s 17.50-18.00 CA 2-lry ctn Red 70s 24.00.

PERSIMMONS CA 1-lyr Fuji 20s 9.00 24-25s 7.50-8.00 28s 7.00 32s few 4.00-5.00 Hachiya 21s 9.00-10.00 23s few 13.00 24-25s 9.00 28s 7.00-8.00 35s 7.00.

PINEAPPLES HAWAII ctn via air 6s 12.00 DOMINICAN REPUBLIC 2-lyr ctn 10-14s 10.00-10.50.

PLUMS TOO FEW SALES TO QUOTE.

POMEGRANATES CA 2-lyr lug Wonderful few 10.00.

PRUNES NO OFFERINGS.

QUINCE OFFERINGS INSUFFICIENT TO QUOTE.

RASPBERRIES ABOUT STEADY CHILE Flats 12-6 oz film wrpd cups via air 27.00.

STRAWBERRIES LOWER CA flats 12-1 pt bkt mos med 14.00-16.00 few 18.00 fair qual & cond 9.00 ord cond 2.00-5.00 FL flats 12-1 pt bkts med few 17.00-18.00 fair cond 14.00.

CANTALOUPS HIGHER MEXICO 1/2 ctn 15s 12.00 GUATEMALA 1/2 ctn 15s 15.00 23s 12.00.

HONEYDEWS OFFERINGS INSUFFICIENT TO QUOTE.

MISC MELONS MEXICO 2/3 ctn Crenshaw 4s 6.00-7.00 5s 8.00 GUATEMALA 2/3 Mayan Sweet 5-6s 9.00-10.00.

WATERMELONS STEADY ctn per ctn FL Sangria 3s 12.00-14.00 4s 11.00 Jubilee 3s 10.00-12.00 4s 7.00-8.00 All Sweet 4s ord cond 3.00-4.00.

Estimated Daily Livestock Slaughter

Under Federal Inspection

December 11, 1991

	CATTLE	CALVES	HOGS	SHEEP
WED., 12/11/91 (EST)	119,000	6,000	345,000	24,000
WEEK AGO (EST)	113,000	6,000	355,000	23,000
YEAR AGO (ACT)	126,000	7,000	334,000	24,000
WEEK TO DATE (EST)	326,000	18,000	1,026,000	67,000
SAME PD LT WK (EST)	335,000	19,000	1,052,000	68,000
SAME PD LT YR (ACT)	359,000	21,000	973,000	68,000

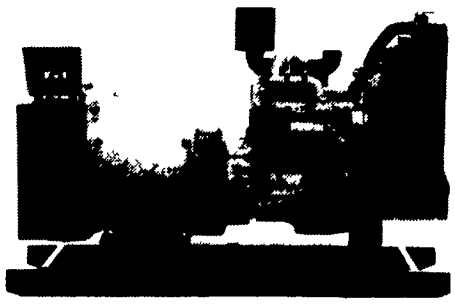
CHRISTMAS SALE

Monday, December 16, 1991
9:00 A.M.

Lambs & Goats

Walter M. Dunlap and Sons
Lancaster Stockyards
Tel. (717) 397-5136

GENERATORS



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RD #2 Pleasant Valley Rd., Ephrata, PA 17522
Tel: 717-733-7968 Fax: 717-733-1981

EVERGREEN TRACTOR CO., INC.

TRACTORS:

JD 4040 Power Shift, Sound Guard, 2300 Hrs., Sharp $26,600
JD 4240 PS, Sound Guard $24,900
Bobcat 743 Skid Steer Loader, Shar SOLD $10,900
JD 3020 Diesel, Power Shift, Sharp $8,950
JD 7020 Duals, Cab, Air, PTO, 3 Pt. Sharp $17,500
Bobcat 643 Diesel Skid Steer Loader $8,750
AC WD w/2 Row Mounted AC Picker, Collectors Item $1,500

COMBINES & PICKERS:

6620 Side Hill, turbo hydro, heater & air, monitor, spreader.
NI 818 combine, sharp
JD #343 3 Row 30" Corn Head $3,650
JD 4400 Diesel Rotary Screen Combine, Auto Header Heights, Air, Monitor, 23.1x26, and VS Feeder House
JD 653 6 Row 30" Bean Head $4,450
JD 13' Quick Tach Rigid Grain Head $1,850
JD 4425 Combine, Nice
JD 444 4 Row Wide Corn Head $3,650
JD 213 Rigid Head For Side Hill $2,650
NI 2 Row Wide w/Sheller $1,850
6 Row 1000 PTO Stalk Shredder $2,450
JD 443 Corn Head $4,650
JD #27 6 Row Stalk Shredder $2,950
UFT 6 Row Stalk Shredder 1000 PTO $2,450

CULTIPACKERS

Brillion 10' w/Big Shaft $850
Brillion 3' Section 28' Packer $2,450
Brillion 12' Packer, Big Shaft $1,150
JD 10' Packer $1,050
(1) ~~(2)~~ Each Brillion 12' Packers w/Transport ..... each $1,250
Brillion 12' w/Big Shaft $1,250
Brillion 12' Packer w/Transport $1,850
Brillion 16' Packer w/Transport $1,850

MISCELLANEOUS:

NH 352 Grinder-Mixer $2,450
JD 37 Loader, All Hydraulics For Utility $1,850
Donahure Implement Trailer $1,850
Transcraft 42' Drop Deck Trailer, Air Ride, Nice $8,500
Bobcat 907 Backhoe $4,750
Fruehauf 20' Steel Dump Trailer, Single Axle, For Grain $1,850
JD 48 Loader for Row Crop Tractor $2,150
JD 10' HD Front Dozer Blade $2,150
JD On-Land Hitch For 7B 2500 Plow $1,200
JD Tandem Drill Hitch $475
Martin Scavenger Spreader #1678 ..... $4,750
JD 148 Loader, Sharp $2,650
Bobcat 909 Backhoe $5,250
NI 243 Manure Spreader $2,950
NI 213 Manure Spreader $1,450
NI #244 10 Ton Tandem Axle Spreader $2,350

PLANTERS & GRAIN DRILLS:

JD 1240 Plateless Planter $850
JD 8300 18x7 DD Grain Drill w/Grass $3,850
JD 7000 Conservation 6 Row Liquid $9,500
JD Model B 14x7 Double Disc Drill $1,450
JD 7000 6 Row Liquid Fert. Attach. $1,500
(1) ~~(2)~~ Ea. Complete JD 7000 Planter Units w/No-Till Coulters $450
JD 8300 21x7 DD Drill $3,450

ROW CROP CULTIVATORS & ROTARY HOES

JD 4 Row Front Mount Cultivator For 3020 ..... $1,550
JD RM 4 Row 30" Cultivator $1,850

Coming In...

JD F930 14' Transport Packer
JD 2 Row 3 Pt. Planter
Add-on Bottom for 4200 Roll-Over

PLOWS-MOLDBOARD AND CHISEL:

JD 7B 2500 Plow $3,950
JD 1450 6-16" Semi-Mtd. Plow $2,250
JD 4-16" F325 Auto Reset Plow $1,250
JD 2500 7x18" On-Land Plow $5,400
JD 1B Roll-Over Plow $1,250
IH 9 Tooth Pull Type Chisel $1,850
JD 2700 6B Auto Reset On-Land Plow $7,450
JD 10 Tooth Pull Type Chisel $1,850
JD 3200 6x18" Pull Type Auto Reset Plow $3,950
JD 2500 5x18" Auto Reset Plow $3,950
(New) JD 12' Chisel w/Walking Tandem $3,450
JD 1710A Mulch Tiller, 13 Shank, Sharp $4,500
JD F125 3x16 Plow $950
JD 4200 3B 18" Roll-Over Plow $3,950
JD 825 4B 16" Roll-Over Plow $3,250
Oliver 5 or 6 Bottom Spring Reset Plow $2,950

DISCS AND FIELD CULTIVATORS

JD 12' TWA Plowing Disc $2,550
JD 210 14' Black Gang Disc $3,850
IH 475 20' Hydraulic Wing Disc $4,350
JD 230 27' Wing Fold Disc w/New Blades $7,850
JD BWF 12' Disc $1,850
IH #45 12' Field Cultivator w/Tine Harrow $1,850
JD TW 12' Plowing Disk $1,500

ROLLER HARROWS AND CULTIMULCHERS

IH #315 12' Roller Harrow $2,850
Brillion 15' Cultimulcher $3,250
Brillion 15' Roller Harrow $3,850
Kewanee 20' Flat Fold Roller Harrow $5,950
JD F950 12' Roller Harrow $3,450

HAY & FORAGE EQUIPMENT:

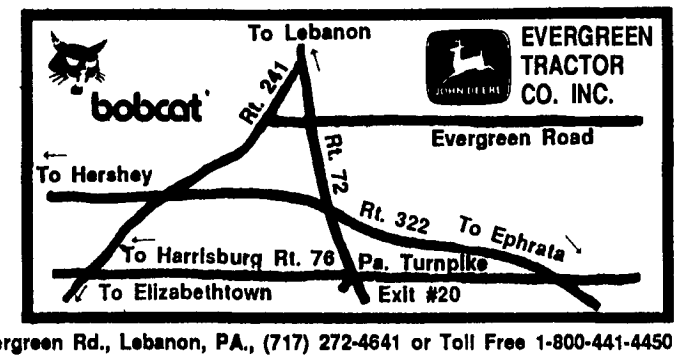
JD 1 Row, Row Crop Attachment, Nice $550
JD 5½' Pickup Attachment
NH 1010 Bale Wagon $4,350
NH 268 Baler w/Ejector
JD #30 Hydraulic Bale Ejector $1,500
Hesston 1091 Mower Conditioner $2,950
JD 672 Hydraulic Drive Rake, Like New $3,250
JD 327 Baler w/#40 Ejector, Sharp $7,950
JD 1207 Mower Conditioner $2,550
Owatonna 320 Stacker $1,550
JD 1209 Mower Conditioner $2,950
JD 5720 4WD SP Harvester w/3 Row & Pickup, One Of A Kind $64,500
IH #35 Hydraulic Drive Rake $1,450
NH 450 3 Pt. Mower $1,450

ANNOUNCING THE AVAILABILITY OF USED PARTS FOR THE FOLLOWING MACHINES:

- 7000 Planters
- 2500 Plows
- F350 Hydraulic Reset Plows
- Cultivator Parts
- Grain Drills
- Trip Plows
- Disc Harrows
- Cultipackers and Roller Harrows (John Deere and Brillion)
- 35 and 3800 Harvesters
- Grain Platform
- Combine Corn Head

This is a partial listing. Please call for availability even if your machine is not listed.

Store Hours
PARTS- Mon. Thru Fri.
7:30 A.M. To 4:30 P.M.
Sat. 8:00 A.M. To Noon
SERVICE- Mon. Thru Fri.
8:00 A.M. To 4:30 P.M.



30 Evergreen Rd., Lebanon, PA., (717) 272-4641 or Toll Free 1-800-441-4450

Philadelphia Eggs

Thursday, December 12, 1991
Report Supplied by USDA

MARKET COMMENT: TRADE SENTIMENT WAS STEADY TO FIRM. DEMAND WAS MODERATE TO GOOD. SUPPLIES WERE GENERALLY ADEQUATE, AND EXCESS OFFERINGS WERE AT PREMIUM PRICES. A EXTRA LARGE .80-.85, A LARGE 78-.83, A MEDIUM .65-.70.

New England Shell Eggs

Dec. 11, 1991

NEW ENGLAND:

Prices paid to producers were higher, unchanged on cartoned eggs. Trade sentiment was fully steady. Demand was moderate to good. Supplies were generally adequate for current needs.

PRICES PAID TO PRODUCERS, CASES EXCHANGED, GRADE YIELD BASIS, BROWN EGGS LOOSE, AT FARM, CENTS PER DOZEN.

RANGE JUMBO 92-95 EXTRA LARGE 83-86 LARGE 79-82 MEDIUM 65-68 SMALL 29-32

BOSTON:

PRICES TO RETAILERS, SALES TO VOLUME BUYERS, USDA GRADE A AND GRADE A, BROWN EGGS IN CARTONS, DELIVERED STORE DOOR, CENTS PER DOZEN.

RANGE EXTRA LARGE 101-103 LARGE 97-99 MEDIUM 83-85

Oklahoma City Feeder Cattle

Dec. 11, 1991

COMPARED WITH LAST WEEK: STEERS UNDER 500 LB. $2.00 HIGHER; STEERS OVER 500 LB. $2.00-$4.00 LOWER. HEIFERS AND HEIFER CALVES CLOSED $2.00-$3.00 LOWER. DEMAND CLOSED MODERATE TO GOOD FOR STEER CALVES AND MODEST END OF ATTRACTIVE QUALITY FEEDER STEERS. CLOSING DEMAND LIGHT FOR OTHERS, EXPECIALLY FOR PLAIN OFFERINGS. WEIGH CONDITIONS AVERAGE. FLESH CONDITIONS AVERAGE TO THIN. WEATHER VERY NICE, MID 50'S TO MID 60'S AND CONDUCIVE TO ADDITIONAL WHEAT GROWTH. WARM RAINS FORECASTED FOR LATTER PART OF WEEK. SLAUGHTER COWS AND BULLS $2.00-$3.00 LOWER. SLAUGHTER CATTLE DEMAND CLOSED LIGHT. RECEIPTS THIS WEEK 15,150; LAST WEEK 4,047; LAST YEAR 8,555. SUPPLY CONSISTED OF 47% YEARLINGS; 53% CALVES UNDER 600 LB.; 5% COWS & BULLS. BULK PRICE RANGES FOLLOW:

FEEDER STEERS: MEDIUM & LARGE FRAME 1, 300-350 LB. $111.00-$116.50; 350-400 LB. $103.00-$113.00; 400-450 LB. $97.50-$108.50; 450-500 LB. $90.50-$99.00, SEVERAL LOTS EXOTIC CROSSES $99.50-$104.50; 500-550 LB. $87.00-$94.50; 550-600 LB. $82.25-$89.75; 600-700 LB. $80.50-$86.00; 700-750 LB. $81.50-$83.50; 750-800 LB. $78.50-$83.00; 800-875 LB. $75.50-$81.50. LARGE FRAME 2 HOLSTEINS, 450-500 LB. $75.50-$79.25; 500-600 LB. $71.75-$75.50; 600-700 LB. $69.00-$72.00; 700-750 LB. $69.00-$70.25; 750-800 LB. $67.75-$68.00; 800-900 LB. $64.75-$68.50.

FEEDER HEIFERS: MEDIUM & LARGE FRAME 1, 300-400 LB. $85.00-$95.00; 400-450 LB. $85.00-$93.25; 450-500 LB. $82.00-$90.00; 500-600 LB. $76.75-$83.00; 600-700 LB. $76.75-$82.25; 700-800 LB. $74.25-$77.75; 800-875 LB. $73.00-$73.50.

SLAUGHTER COWS: CLOSING SALES: CUTTER AND BONING UTILITY Y.G. 1-2, AVERAGE DRESSING $43.00-$46.00; HIGH DRESSING $45.00-$48.50, YOUNG $48.50-$51.25; LOW DRESSING $37.00-$42.50. BREAKING UTILITY Y.G. 3-4, AVERAGE DRESSING $41.00-42.50; HIGH DRESSING $44.25-$46.00; LOW DRESSING $37.50-$40.50.

SLAUGHTER BULLS: CLOSING SALES: Y.G. 1 1050-1625 LB. AVERAGE DRESSING $54.25-$55.50; HIGH-DRESSING $56.25.

Central U.S. Carlot

Pork Report
December 11, 1991
Report supplied by USDA

CENTRAL U.S. CARLOT PORK REPORT FOB OMAHA BASIS INCLUDES MAJOR PRODUCTION AREAS IN MIDWEST AS OF 3 P.M.

COMPARED TUESDAY'S 3:00 P.M. CLOSE: COMPARED TUESDAY'S 3 P.M. CLOSE: FRESH PORK LOINS 4.00 LOWER; BUTTS 2.00 LOWER IN VERY NARROW TEST; SKND. HAMS 17-20 LBS. 1.00 HIGHER, 20-26 LBS. 2.00-4.00 LOWER; SDLS. BELLIES STEADY TO 1.00 HIGHER. MARKET ACTIVITY SLOW TO MODERATE, WITH LIGHT TO MODERATE DEMAND AND MODERATE TO HEAVY OFFERINGS.

63.0 LOADS PORK CUTS
36.0 LOADS TRIM/PROCESS
PORK CUTS

LOINS, REG., FRESH

14-18 LBS., * 13.5 LOADS, RANGE 77.50-85.00, WGHTD. AVG. 80.27.

¼" TRIM 14-18 LBS., 13.5 LOADS, RANGE 95.00-104.00, WGHTD. AVG. 99.27.

18-22 LBS., * 1.0 LOADS, RANGE 73.00, WGHTD. AVG. 73.00.

¼" TRIM 18-22 LBS., 1.0 LOADS, RANGE 89.00, WGHTD. AVG. 89.00.

COMBOS 22 LBS. AND UP, RANGE 55.00, WGHTD. AVG. 55.00 B.

LOIN,BLS CTRCT

5-7 LBS., RANGE 185.00-214.00, WGHTD. AVG. 209.17 A.

BNLS SIRLOIN .75-1 LB.

0.5 LOADS, RANGE 135.00, WGHTD. AVG. 135.00.

TENDERLOIN 1.25 AND DOWN

RANGE 368.00-369.00, WGHTD. AVG. 368.33 A.

PICNIC, FRESH (COMBOS) FOR SMOKER TRIM,RS

9.0 LOADS, RANGE 55.00-56.00, WGHTD. AVG. 55.67.

COMMODITY 4-8 LBS.

RANGE 37.00, WGHTD. AVG. 37.00 A.

BOSTON BUTT

4-8 LBS. *, 2.0 LOADS, RANGE 56.00, WGHTD. AVG. 56.00.

¼" TRIM 4-8 LBS., 2.0 LOADS, RANGE 74.00, WGHTD. AVG. 74.00.

COMBOS 8/UP LBS., RANGE 51.00, WGHTD. AVG. 51.00 B.

SPARERIBS, FRESH

1.5-3.5 LBS., RANGE 91.00-96.00, WGHTD. AVG. 93.50 A.

3.5-5.5 LBS., RANGE 70.00, WGHTD. AVG. 70.00 A.

SPARERIB, FROZEN

1.5-3.5 LBS., RANGE 94.00, WGHTD. AVG. 94.00 c.

LOIN BACKKRIB (BOXED) FRSH/FRZN

1.75 AND DOWN LBS., RANGE 212.00, WGHTD. AVG. 212.00 A.

2.00 AND UP LBS., RANGE 134.0, WGHTD. AVG. 134.00 C.

LOIN BACKRIB (COMBOS) FRSH/FRZN

1.75/DN LBS., RANGE 206.00, WGHTD. AVG. 206.00D.

HAM, SKINNED, SELECTED

FRESH 17-20 LBS., 2.0 LOADS, RANGE 86.00-87.00, WGHTD. AVG. 86.50.

FRESH 20-26 LBS., 14.0 LOADS, RANGE 68.00-75.00, WGHTD. AVG. 72.93.

HAM, SKINNED, COMMODITY

FRESH 14-17 LBS., UNQUOTED.

FRESH 17-20 LBS., RANGE 83.00, WGHTD. AVG. 83.00 D.

FRESH 20-26 LBS., RANGE 65.00-68.00, WGHTD. AVG. 66.67A.

FRESH 26-32 LBS., RANGE 53.00-57.00, WGHTD. AVG. 54.33B.

FRESH 32 LBS. AND UP, 2.0 LOADS, RANGE 57.00, WGHTD. AVG. 57.00.

BELLY, SDLS, SKIN-ON, FRESH

FRESH 10-12 LBS., 1.0 LOADS, RANGE 25.00, WGHTD. AVG. 25.00.

FRESH 12-14 LBS., 3.0 LOADS, RANGE 27.00-29.00, WGHTD. AVG. 28.00.

FRESH 14-16 LBS., 5.0 LOADS, RANGE 26.75-29.00, WGHTD. AVG. 27.95.

FRESH 16-18 LBS., 7.0 LOADS, RANGE 24.00-26.00, WGHTD. AVG. 24.75.

FRESH 18-20 LBS., 1.5 LOADS, RANGE 21.00-22.00, WGHTD. AVG. 21.33.

FRESH 20-25 LBS., 1.5 LOADS, RANGE 17.00-18.00, WGHTD. AVG. 17.33.

PORK TRIMMINGS/ BONELESS PROCESSING PORK (CHEMICAL LEAN)

COMBO 42% FRESH, 8.5 LOADS, RANGE 13.00, WGHTD. AVG. 13.00.

BOXED 42% FROZEN, 2.0 LOADS, RANGE 19.00, WGHTD. AVG. 19.00.

COMBO 72% FRESH, 17.0 LOADS, RANGE 40.00-41.00, WGHTD. AVG. 40.12.

BOXED 72% FROZEN, RANGE 47.50, WGHTD. AVG. 47.50 B.

PICNIC CUSHION MEAT

COMBO 92% FRESH, AND BOXED 92% FROZEN, UNQUOTED.

BONELESS PICNIC MEAT

COMBO 72% FRESH, 8.5 LOADS, RANGE 44.00-48.00, WGHTD. AVG. 46.71.

BOXED 72% FROZEN, RANGE 56.00, WGHTD. AVG. 56.00 B.

SKINNED JOWLS

COMBO FRESH, RANGE 11.00, WGHTD. AVG. 11.00 E.

BOXED FROZEN, RANGE 16.00, WGHTD. AVG. 16.00 A.

NOTE! (*)REFLECTS ¼" TRIMMED PRODUCT BROUGHT BACK TO A REGULAR COMMODITY BASIS.

ABCDE AFTER QUOTES REPRESENTS DAYS SINCE LAST ACTUAL MARKET TEST. QUOTES ARE DROPPED AFTER 5 DAYS OF NOT TEST OR BEFORE IF THEY NO LONGER REFLECT CURRENT MARKET CONDITIONS.

PORK CARCASS CUTOUT
WED., DEC. 11

ESTIMATED GROSS CUTOUT VALUE OF A 175 LB. HOG CARCASS BASED ON USDA CUTTING YIELD TESTS AND CARLOT PRICES. TUESDAY'S CARCASS GRADES AND PRICES PER CWT.:

US#1 58.77, CHANGE FROM TUES. -0.24; US#2 56.68, CHANGE FROM TUES. -0.22; US#3 54.59, CHANGE FROM TUES. -0.20; US#4 52.50, CHANGE FROM TUES. -0.18.

TODAY'S CALCULATIONS FOR US #2 175 LB. PORK CARCASS:

HAM, SKINNED, 14-20 LBS., 21.01% OF CARCASS, 86.50 FOB VALUE, CHANGE FROM TUES. 1.00; LOINS, ¼" TRIM, 14-22 LBS., 20.33% OF CARCASS, 99.50 FOB VALUE, CHANGE FROM TUES. -2.00.

BELLIES, SDLS, 12-14 LBS., 13.90% OF CARCASS, 28.00 FOB VALUE, 0.75 CHANGE FROM TUES.; SPARERIBS, 3.5DN LBS., 3.03% OF CARCASS, 94.00 FOB VALUE.

PICNICS, 8-12 LBS., 10.31% OF CARCASS, 32.25 FOB VALUE, CHANGE FROM TUES. -1.00; BUTTS, ¼" TRIM, 4-8 LBS., 7.25% OF CARCASS, 75.00 FOB VALUE.

JOWL, 2.85% OF CARCASS, 11.00 FOB VALUE; NECKBONES, 1.52% OF CARCASS, 11.00 FOB VALUE, CHANGE FROM TUES. -2.00.

FEET, 1.05% OF CARCASS, 13.00 FOB VALUE; TAILS, 0.22% OF CARCASS, FOB VALUE 21.50. CHANGE FROM UTES. 0.50.

TRIM 72%, 2.19% OF CARCASS, 40.50 FOB VALUE; LARD, 10.85% OF CARCASS, 11.25 FOB VALUE.

TOTAL CARCASS 94.51%. US#2 CARCASS VALUE PER CWT. 56.68.

NOTE: VALUE MAY CHANGE WITHOUT ADEQUATE TEST.

Central U.S. Carlot

Beef Report
December 11, 1991
Report supplied by USDA

CENTRAL U.S. CARLOT BEEF REPORT (INCLUDES THE MAJOR PRODUCTION AREAS IN THE MIDWEST AND TEXAS) AS OF 3 P.M. COMPARED TO TUESDAY'S 3 P.M. REPORT: BREAKING UTILITY CARCASSES 1.00 LOWER; BONING UTILITY UNEVEN; CUTTER 2.00 LOWER; BULL STEADY TO WEAK. DEMAND LIGHT TO MODERATE FOR MODERATE OFFERINGS.

COW & BULL CARCASSES FOB OMAHA BASIS
28 LOADS REPORTED

UTBRK 2-4, 5 LOADS, RANGE 79.00, LATEST ESTB. MKT. 79.00.

UT,BNG 1-3, 400 AND UP, 15 LOADS, RANGE 82.00-84.00, LATEST ESTB. MKT. 82.00-84.00.

CUTTER 1-2 350 AND UP, 5 LOADS, RANGE 92.00, LATEST ESTB. MKT. 92.00.

BULLS 500/UP YG1, 3 LOADS, RANGE 101.00-102.50, LATEST ESTB. MKT. 101.00-102.50.

BONELESS PROCESSING BEEF/ BEEF TRIMMINGS
99 LOADS REPORTED

FRESH 90% BONELESS BEEF 3.00-5.50 LOWER; OTHER TYPES NOT TESTED. DEMAND LIGHT TO MODERATE FOR MODERATE TO HEAVY OFFERINGS. BEEF TRIMMINGS WEAK ON LIGHT DEMAND AND OFFERINGS.

FOB OMAHA BASIS

90%FR, 22 LOADS, RANGE 127.0-131.0, WT. AVG. 129.23.

90%FZ, UNQUOTED.

85%FR. 85%FZ, 75%FR AND 75%FZ, UNQUOTED.

65%FR, RANGE 72.0, WT. AVG. 72.00 A.

65%FZ, UNQUOTED.

50%FR, 54 LOADS, RANGE 39.00-41.50, WT. AVG. 40.32.

50%FZ AND 50%BX, UNQUOTED.

BULL 92-94, RANGE 146.0, WT. AVG. 146.00 A.

FOB E. TX AND OK

90%FR, 19 LOADS, RANGE 130.0-130.5, WT. AVG. 130.05.

90%FZ, 23 LOADS, RANGE 134.05, WT. AVG. 134.00.

85%FR, 85%FZ, UNQUOTED.

75%FR, RANGE 94.5, WT. AVG. 94.50 E.

75%FZ, 65%FR, 65%FZ, BULL 92-94, UNQUOTED.

CAF NORTHEAST AREAS

90%FR, 2 LOADS, RANGE 131.0, WT. AVG. 131.00.

90%FZ, UNQUOTED.

85%FR, RANGE 125.0, WT. AVG. 125.00 D.

85%FZ, 75%FR, 75%FZ, 65%FR AND 65%FZ UNQUOTED.

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FARM SHOW SPECIAL

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INCLUDES
- 1000lb load rated machine
- Flotation Tires
- Cab Insulation
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- Freight, Dealer Prep, Delivery
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GARST SEED COMPANY

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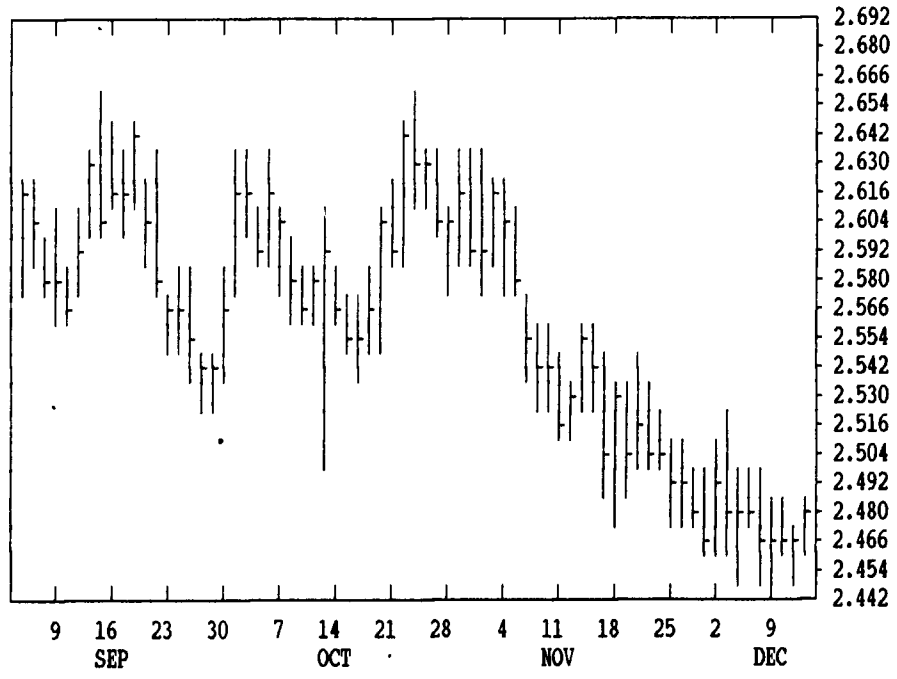
SERVOS SEED CORP.
215-388-6039

GRAIN, CATTLE AND HOG FUTURES MARKETS

From DTN farmer satellite daily update. Service phone: (717) 731-1520

(Closing bids: Wednesday, December 11)

DTN GRAINS 16 MARCH CORN CONTRACT HIGH: 2.772 LOW: 2.284



DTN FUTURES 10 12/11/91 TECHNICAL COMMENTS

	PAST WEEK'S (ENDING 12/06)			NOV'S (ENDING 11/29)		CURRENT	
	HIGH	LOW	CLOSE	HIGH	LOW	SUPPORT	RESISTANCE
MAR WHT	3.91	3.79	3.79 3/4	3.76 1/2	3.45	3.45	4.00
JUL WHT	3.40	3.26 1/2	3.27 1/2	3.29 3/4	3.15	3.18	3.50
KC MAR	3.93	3.80 1/2	3.84	3.77 1/4	3.48 1/2	3.48 1/2	4.00
KC JLY	NOT AVAILABLE		.	.	.	3.18	3.50
MINN MAR	3.76 1/2	3.64 1/4	3.68 3/4	3.61 1/4	3.34 1/2	3.24	3.70
MAR CORN	2.52 1/4	2.46 1/4	2.46 1/2	2.62 1/2	2.46 3/4	2.46	2.53
JUL CORN	2.63	2.57	2.58 1/4	2.72	2.58	2.55	2.68
DEC92 CN	2.57	2.52 1/4	2.54 1/4	2.57 1/2	2.52	2.48	2.61
JAN BNS	5.68	5.53	5.55 1/4	5.74	5.45 1/2	5.38 1/2	5.78 1/2
JLY BNS	5.85	5.71 1/4	5.76 3/4	5.95 1/4	5.69 1/4	5.60	6.04
NOV92 BN	5.88	5.75 3/4	5.83 3/4	5.89 3/4	5.68	5.62	6.00
JAN MEAL	176.00	170.60	171.60	183.80	174.30	168.00	185.00
JAN OIL	19.90	18.82	19.53	19.72	18.65	18.65	20.00
FEB CTTL	74.50	73.15	74.37	76.30	72.50	72.50	76.30
APR CTTL	74.50	73.10	74.30	75.82	72.90	72.90	76.00
JAN FDRS	82.30	80.05	80.95	84.45	81.25	??	82.50
FEB HOGS	42.42	40.82	41.40	43.70	41.50	??	43.70
APR HOGS	40.40	38.95	39.50	41.40	39.80	38.50	40.00
FEB BLLS	38.92	37.40	38.25	42.50	38.80	37.07	42.50

CORN

	HIGH	LOW	LAST	CHG
DEC	2426	2416	2422*	+14
MAR	2484	2470	2476*	+6
MAY	2544	2530	2536*	+4
JLY	2592	2580	2584*	+2
SEP	2562	2552	2552*	-2
DEC	2540	2524	2530*	-4
MAR	2602	2592	2592*	-2
MAY				
JLY				

SOYBEANS

JAN	5510	5430	5440*	-42
MAR	5576	5504	5510*	-42
MAY	5650	5580	5584*	-34
JLY	5726	5660	5662*	-30
AUG	5760	5694	5696*	-32
SEP	5770	5710	5714*	-34
NOV	5810	5752	5754*	-32
JAN	5910	5854	5854*	-30
MAR	5856	5854	5856*	-126
MAY				

CHICAGO WHEAT

	HIGH	LOW	LAST	CHG
DEC	3944	3862	3876*	-30
MAR	3866	3772	3776*	-54
MAY	3634	3574	3580*	-32
JLY	3344	3292	3294*	-32
SEP	3370	3350	3350*	-34
DEC	3470	3464	3464*	-34

OATS

DEC	1272	1270	1270*	+4
MAR	1352	1342	1346*	+2
MAY	1374	1364	1370*	+2
JLY	1394	1390	1392*	0

SOYBEAN MEAL

DEC	1714	1692	1693*	-14
JAN	1696	1675	1675*	-9
MAR	1684	1666	1666*	-7
MAY	1694	1678	1680*	-6
JLY	1715	1700	1701*	-7
AUG	1721	1712	1712*	-6
SEP	1720	1713	1714*	-8
OCT	1858	1852	1852*	-3

K.C. WHEAT

	HIGH	LOW	LAST	CHG
DEC	3904	3820	3822*	-56
MAR	3874	3804	3806*	-30
MAY	3700	3600	3604*	-44
JLY	3394	3346	3350*	-24
SEP	3420	3374	3374*	-14

MINN WHEAT

DEC	3720	3710	3710*	+10
MAR	3744	3654	3672*	-24
MAY	3624	3530	3534*	-36
JLY	3450	3384	3384*	-46
SEP	3420	3330	3330*	-44

SOYBEAN OIL

DEC	1932	1887	1904*	-23
JAN	1938	1890	1906*	-29
MAR	1963	1917	1936*	-28
MAY	1995	1950	1966*	-25
JLY	2018	1980	1992*	-22
AUG	2022	1995	2007*	-22
SEP	2028	2015	2022*	-17
OCT	2035	2015	2030*	-18

LIVE CATTLE

	HIGH	LOW	LAST	CHG
DEC	7200	7160	7172*	-10
FEB	7310	7252	7257*	-20
APR	7370	7330	7337*	+5
JUN	6970	6935	6947*	+12
AUG	6820	6775	6792*	+10
OCT	6860	6835	6850*	+5
DEC	6950	6935	6945*	+12
FEB				

SWISS FRANC

DEC	7210	7134	7146*	-27
MAR	7152	7072	7083*	-27
JUN	7090	7010	7023*	-27

BRITISH POUND

DEC	18200	18042	18068*	+26
MAR	17930	17774	17802*	+24
JUN	17610	17550	17556*	+30

JAPANESE YEN .

DEC	7757	7730	7730*	+9
MAR	7730	7701	7702*	+8
JUN	7704	7681	7681*	+7

FEEDER CATTLE

	HIGH	LOW	LAST	CHG
JAN	8045	7985	7987*	+7
MAR	7770	7695	7725*	+12
APR	7675	7600	7635*	+17
MAY	7580	7520	7520*	+10
AUG	7600	7500	7512*	+37
SEP	7500	7430	7435*	0
OCT	7425	7420	7420*	+10
NOV	7425	7415	7425*	+20

EURODOLLAR

DEC	9546	9542	9543*	+2
MAR	9561	9555	9558*	+1
JUN	9549	9545	9546*	0
SEP	9529	9525	9527*	0
DEC	9480	9476	9477*	+1
MAR	9457	9453	9455*	+1

S&P 500 INDEX

DEC	38265	37940	38160*	+365
MAR	38420	38070	38315*	+375
JUN	38520	38235	38440*	+385
SEP	38650	38490	38610*	+385

LIVE HOGS

	HIGH	LOW	LAST	CHG
DEC	4095	4050	4087*	+42
FEB	4145	4110	4130*	+35
APR	3930	3900	3925*	+25
JUN	4465	4425	4462*	+27
JLY	4485	4452	4480*	+45
AUG	4375	4340	4370*	+35
OCT	4037	4010	4030*	+15
DEC	4132	4125	4132*	+22

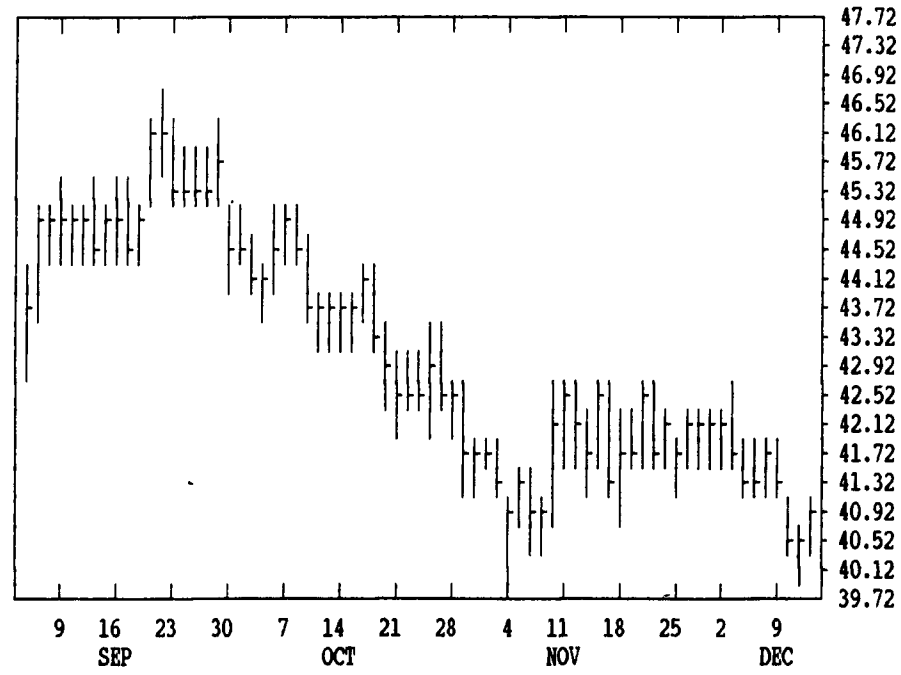
PORK BELLIES

FEB	3890	3827	3875*	-20
MAR	3895	3847	3890*	-17
MAY	4015	3960	4015*	-7
JLY	4045	3985	4040*	-22
AUG	3925	3885	3885*	-25
FEB				

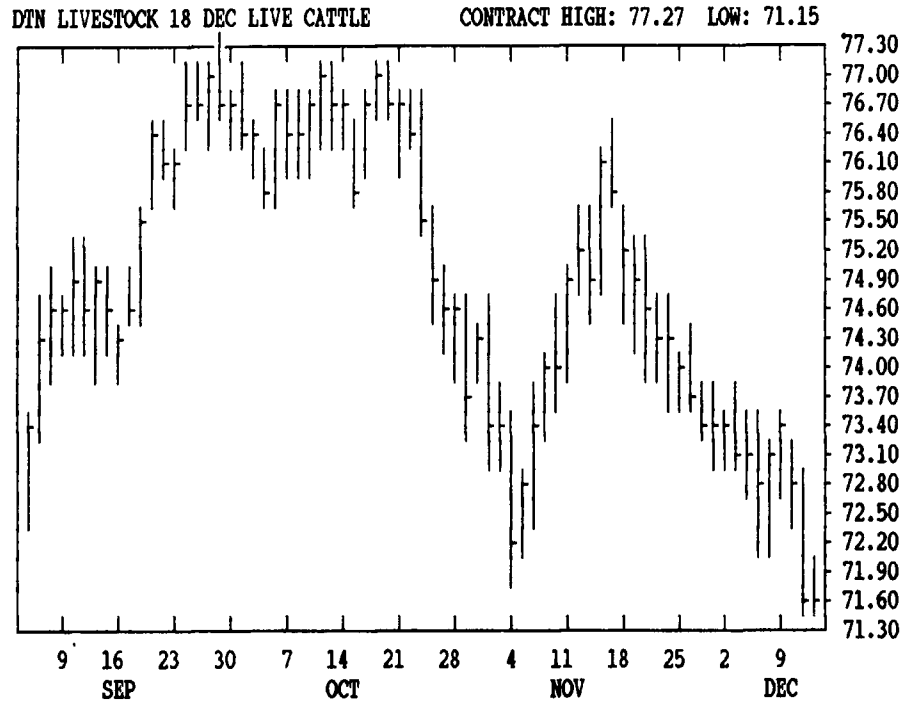
W. GERMAN MARK

DEC	6364	6310	6315*	-13
MAR	6286	6230	6236*	-14
JUN	6195	6153	6159*	-14
SEP	6105	6091	6091*	-14

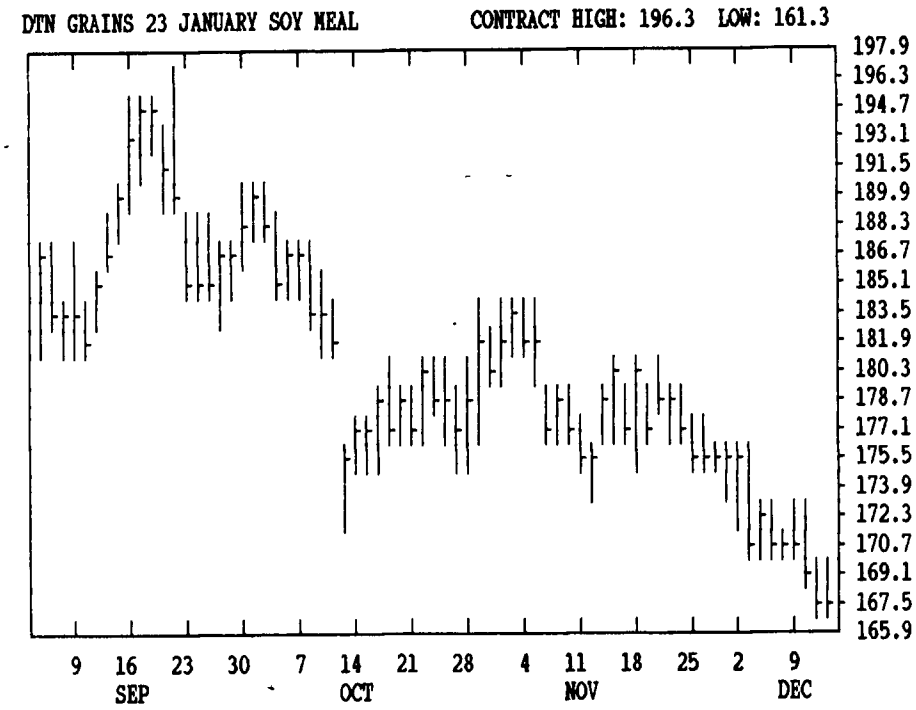
DTN LIVESTOCK 17 DECEMBER HOGS CONTRACT HIGH: 48.92 LOW: 40.12



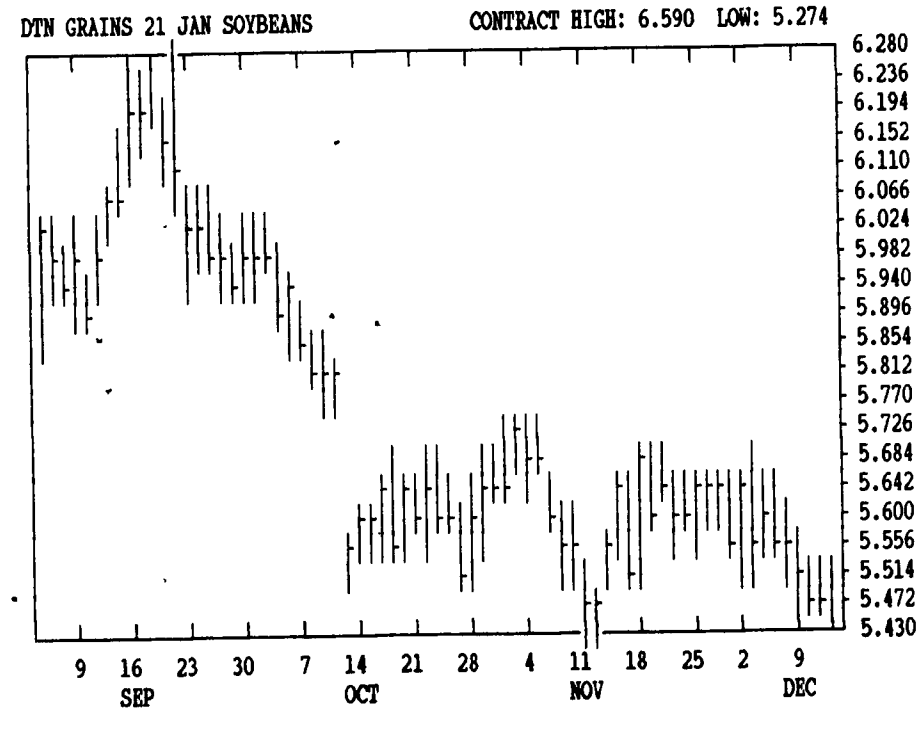
DTN LIVESTOCK 18 DEC LIVE CATTLE CONTRACT HIGH: 77.27 LOW: 71.15



DTN GRAINS 23 JANUARY SOY MEAL CONTRACT HIGH: 196.3 LOW: 161.3



DTN GRAINS 21 JAN SOYBEANS CONTRACT HIGH: 6.590 LOW: 5.274



Jersey Shore Livestock Market, Inc.

Auction every Thursday at 4:00 p.m.
Jersey Shore, Pa.
Report supplied by Auction
Thursday, Dec. 12, 1991

RETURN TO FARM CALF .75-1.50.
GOOD VEAL: 60.00-74.00.
COMMON VEAL: 30.00-59.00.
CHOICE STEERS: 63.00-69.10.
SELECT STEERS: 59.00-64.00.
COMMON STEERS: 56.00-58.00.
COMMERCIAL COWS: 44.00-50.00.
CANNERS-CUTTERS: 42.00-51.00.
SHELLS: 30.00-41.00.
COMMON HEIFERS: 47.00-62.00.
GOOD FEEDERS: 70.00-93.00.
COMMON FEEDERS: 41.00-69.00
BULLS: 55.00-65.25.

Dewart Livestock

Dewart, PA
Dec. 9, 1991

CATTLE 118...PDA...Compared with last weeks market: Few Select and Choice Holstein steers 59.00-64.25. Few Standard and Select sl. heifers 56.00-60.25. Few Breaking Utility and Commercial slaughter cows 48.00-49.50, Cutter and Boning Utility 47.00-50.25, Canner and Low Cutter 42.00-46.00, Shells down to 38.00. One Yield Grade No. 1, 1335 lbs. sl. bull 60.00. Feeder Cattle: Few Medium Frame No. 1, 250/450 lbs. steers and bulls 75.00-85.00. Few Medium Frame No. 1, 360/540 lbs. bulls 70.00-75.00.

CALVES 197...One Prime vealer 116.00, one Choice 90.00, Standard and Good 70/95 lbs. 60.00-72.50, few Utility 50/75 lbs. 40.00-50.00. FARM CALVES: No. 1, 90/125 lbs. Holstein bulls 120.00-150.00, couple to 157.50, No. 2, 80/120 lbs. 70.00-115.00; No.1, 75/110 lbs. Holstein heifers 70.00-120.00. Few beef cross 70/130 lbs. bulls and heifers 70.00-120.00.

HOGS 22...Few Lots US 1-3 215/270 lbs barrows and gilts 38.00-42.25. Few US 1-3 400/660 lbs. sows 27.50-30.00. One Boar 25.00.

FEEDER PIGS 63...US No. 1-3 20/35 lbs. feeder pigs 18.00-27.00, one lot 75 lbs. 36.00. --- all per head.

SHEEP 11...Few Good and Choice 75/115 lbs. wooled slaughter lambs 39.00-49.50. - all cwt.

GOATS 10...One Lot Angoria Goats 23.00(Cwt.) - per head.

Belleville Livestock

Belleville, PA
Dec. 11, 1991

CATTLE 141... REPORT IS SUPPLIED BY THE AUCTION ...Select slaughter steers 60.25-65.50. Utility slaughter heifers 55.10-58.85. Breaking Utility and Commercial slaughter cows 47.35-50.10, Cutter and Boning Utility 45.50-48.25, Canner and low Cutter 41.00-45.50, Shells down to 36.25. Yield Grade No. 1, slaughter bulls 51.50-58.25. Feeder Cattle: steers 58.00-82.00. Bulls 49.00-64.50.

CALVES 121...Standard and Good vealers 55.00-68.00, Utility 30.00-58.00. FARM CALVES: No. 1, Holstein bulls 115.00-134.00, No. 2, 85.00-120.00.

HOGS 131.. US No.1-2 215/250 lbs. barrows and gilts 39.25-40.10, 1-3 190/300 lbs. 34.00-38.50. US No. 1-3 sows 31.00-34.00, No. 2-3 24.00-29.50. Boars 21.50-24.00.

FEEDER PIGS 201...US 1-3 feeder pigs 16.00-34.00. --- all per head.

SHEEP 67...Choice wooled slaughter lambs 47.00; Spring lambs 64.00-86.00. Slaughter sheep 12.00-28.00. - all Cwt.

GOATS 13...30.00-51.00. --- all per head.

HOLSTEIN DAIRY COWS 115 head ..$535.00-1550.00 --- PER HEAD.

Penns Valley Livestock Market, Inc.

Auction every Tues. 7 p.m.
Centre Hall, Pa.
Report supplied by Auction
Tues., Dec. 10, 1991

RETURN TO FARM CALF 75 00-151.00
GOOD VEAL: 60.00-74.00.
COMMON VEAL: 30.00-59.00.
COMMON STEERS: 53.00-61.50.
COMMERCIAL COWS: 44.00-49.00.
CANNERS-CUTTERS: 43.00-50.00.
SHELLS: 34.00-42.00.
COMMON HEIFERS: 50.00-61.00.
GOOD FEEDERS: 60.00-68.00.
COMMON FEEDERS: 36.00-59.00.
BULLS: 46.00-65.00.

Shenandoah Valley Livestock

Harrisonburg, Va.
December 7, 1991
Report supplied by auction

STEERS: M&L-1 300-500 LBS. 85.00-101.00; M&L 2 78.00-88.50.; 500-700 LBS. 80.00-88.00; M&L 2 72.50-83.50; 700-1000 LBS. 70.00-79.00; M&L 2 65.00-68.50.

HOLSTEINS 3000-1000 65.00-78.00.

FEEDER BULLS: 300-500 LBS. 82.00-94.50; 500-700 LBS. 65.50-79.50.

HEIFERS: M&L-1 300-500 LBS. 77.00-82.25; M&L 2 63.50-74.50; 500-700 LBS. 71.00-82.00; M&L 2s 60.00-65.50; 700-1000 LBS. 61.00-64.50.

STOCK COWS: 560.00-760.00; BABY CALVES 50.00-155.00.

SLAUGHTER COWS: UTILITY AND COMMERCIAL 2-4 42.50-47.75; CANNERS AND CUTTERS 1-3 41.50-47.50.

SLAUGHTER BULLS: 55.00-61.75.

LAMBS: BLUE O HIGH CHOICE AND PRIME 46.00; RED O CHOICE 45 75; FEEDER LAMBS CHOICE 48.00-49.75; SLAUGHTER EWES 13 00-20.00.

Indiana Livestock

Homer City, PA
Dec. 12, 1991
Report supplied by PDA

CATTLE 185. SL. COWS MOSTLY 50¢ HIGHER; CHOICE FEW 68.00-71.00, ONE 72.50; SELECT 60.50-65.50; STANDARD 55.75-60.25; CHOICE FEW 61.00-62.50; H.CH./PR. SL. HEIFERS FEW 71.00-72.50; CHOICE 65.00-70.25, SELECT FEW 59.25-60.25, STAND. 50.00-57.00; SL. COWS FEW 46.25-48.25 L.D. & LOW 41.50, CUTTER/BON. UT. 44.50-48.25; CANNER/LOW CUTTER 38.00-44.50, FEW L.D. 34.50-36.75. SHELLS DOWN TO 30.00; YIELD GRADE NO. 1 1120-1860 LBS. SL. BULLS 52.25-59.75; NO. 2 935-2245 LBS. 48.50-50.75.

FEEDER CATTLE: STEERS FEW M&L-1 300-455 79.00-88.50, FEW 570-740 68.00-75.50, M&L-1 840-1180 58.00-64.00, FEW HOLSTEIN 855-980 50.00-59.00. HEIFERS M&L-1 320-470 64.00-80.00, FEW 605-845 50.00-69.00. BULLS FEW M&L-1 340-550 65.00-77.00.

CALVES: 138. SUPPLY INCL. IN GRADED SALES OF WHICH 75% SOLD TO RETURN TO FARM. CHOICE ONE 325 LBS. 93.00, GOOD FEW 80.00-89.00, STAND. & GOOD 85-125 LBS. 55.00-72.00, 60-80 LBS. 30.00-60.00, UT. 50-65 LBS. FEW 22.50, NO. 1, HOLSTEIN BULLS 85-145 LBS. 100.00-159.00, NO. 2 90-125 LBS. 70.00-102.50. NO. 1, HOL. HEIFERS 95-135 LBS. 100.00-160.00. BEEF CROSS 80-120 LBS. BULLS & HEIFERS 100.00-163.00.

HOGS: 212. BARROWS AND GILTS $1.00-$1.50 LOWER. US NO. 1-3 225-250 LBS. 38.30-39.00, LOT 39.75, 2-3 235-265 LBS. 35.00-37.50, LOT 270 LBS. 32.60, 1-3 215-225 LBS. FEW 33.00-33.25. SOWS: US NO. 1-3 290-600 LBS. 24.50-28.75, ONE 30.00, 2-3 415-550 LBS. FEW 22.50 280-270 LBS. FEW 24.00-24.50. BOARS: FEW 19.25-23.50.

FEEDER PIGS: 40. US 1-3 40-45 LBS. FEEDER PIGS 23.00-30.00.

SHEEP: 57. CHOICE 70-120 LBS. 44.00-48.00, FEW 49.50-50.50.

GOATS: 5.

Congressional Inaction Leaves Dairy Farms' Fate To Market Forces

KARL BERGER
Special Correspondent

WASHINGTON, D.C. — With the prospect of any major change in federal dairy policy at least temporarily on hold, area dairy farmers will take their price cues from the marketplace in 1992, according to local economists.

"The big story is going to remain what happens in terms of supply and demand. It's not what happens in government," said Jim Fraher, an economist for Atlantic Dairy Cooperative. Fraher commented in the wake of the recent failure to pass new dairy legislation in Congress before the holiday recess.

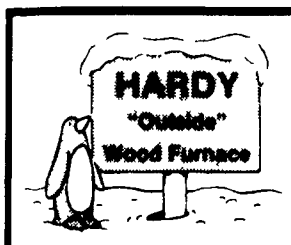
In that regard, the two-cent decline recorded in the Minnesota-Wisconsin manufacturing milk price for November signals the end of the price gains dairymen have enjoyed this fall. The M-W, still used to set prices in the nationwide federal order system, now appears to have peaked at $12.50 a hundredweight (for milk containing 3.5-percent butterfat) in October. That's $2.48 higher than the low value of $10.02 recorded in March after a winter of the worst price declines on record.

The price gain and subsequent levelling off since then reflects a mixed bag of fundamental economic factors for the industry, according to Fraher. On the one hand, somewhat lower production and rebounding sales this fall led to gains in cheese and other commodity prices that pushed the M-W higher. On the other hand, steady production and lowered demand are likely to contribute to a typical spring decline.

His "guesstimate" of a spring low for the M-W ranges from $10.50 to $11, Fraher said. "I don't think we'll see as low a price as in 1991," he said. "If we do, I'm quite confident that we won't stay down there like we did for four or five months in 1991."

Ironically, another spring of prices like those in 1991 would make it easier for the industry to surmount both internal divisions and considerable outside opposition to pass a new dairy bill, according to Lisa Keller, a spokesman for the National Milk Produc-

(Turn to Page A23)



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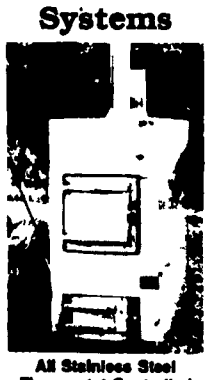

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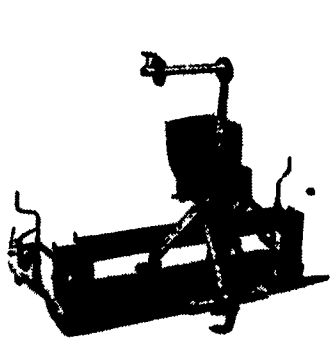
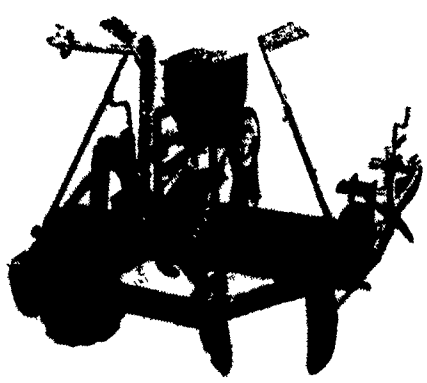
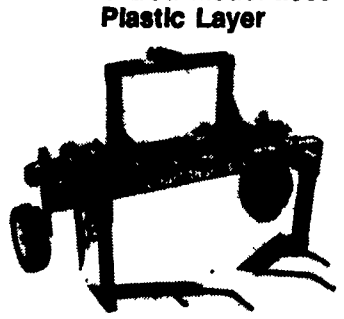


Flat Bed Model 560 Plastic Layer



Raised Bed Model 2500 Plastic Layer

Model 1400 Water Wheel Transplanter



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MARYLAND DHIA

BALTIMORE COUNTY

HERD NAME	HERD BREED	COWS IN HERD	MILK AVG FCM T
ROBERT E. PRIGEL	H	80	74.6
EDRICH FARMS, INC.	H	155	69.4
LINDSAY & STEVE WILSON	H	137	67.8
ARMACOST FARMS INC.	H	119	66.0
NASH FARMS	H	133	65.1
RICHARD M. FOSTER	H	59	64.1
DENNIS W. ZIMMERMAN	H	31	62.1

CAROLINE COUNTY

HERD NAME	HERD BREED	COWS IN HERD	MILK AVG FCM T
HARMONY FARM	H	135	75.5
GRUBBY NECK FARM	H	61	75.2
PAUL SATTERFIELD	H	140	67.5
HOLLINGSWORTH DANIEL 3	H	57	63.2
RICHARD EDWARDS	H	171	62.7
DAVID N WELLS	H	256	61.8

CARROLL COUNTY

HERD NAME	HERD BREED	COWS IN HERD	MILK AVG FCM T
GARSTLYN HOLSTEINS INC.	H	76	76.0
STEVEN E. RUBY	H	87	72.6
MAPLE LAWN FARM INC	H	186	71.1
MD.-CARROLLTON	H	42	70.9
DEL-MYR FARM	H	65	70.7
GAY MULLICAN	H	61	70.1
CARL WEANT	H	84	70.0
WINDSOR MANOR	H	64	68.5
D. RICHARD FLICKINGER	H	87	68.1
MARYLAND & SUNSET VIEW	H	180	67.8
ARBAUGHS FLOWNG SPRNGS	H	100	67.8
JOE A SCHWARTZBECK	H	139	67.6
JAMES & JOHN MYERS	H	73	67.6
R.A. S.L. DOODY	H	67	67.3
UNICORN ASSOCIATES INC	H	148	67.0
KEYTERRA FARM	H	60	67.0
DERRWYN HOLSTEINS	H	55	66.6
THOMAS H. MULLER	H	59	66.5
MARLIN HOFF	H	347	66.2
CHISLON FARM	H	72	65.3
DORIS &DAVID ZIMMERMAN	H	84	65.2
WILLIAM HESSON	H	52	64.4
JR. - LEES FARM	H	108	64.4
D. OWINGS & B. HORNER	H	59	64.2
JE AND JP SMITH	H	130	64.1
PANORA ACRES INC.	H	151	63.8
WILKIM HOLSTEINS	H	44	63.7
MIKE & ANITA HAINES	H	62	63.6
JERRY & RICK LEASE	H	88	63.6
RINEHART, JOHN W.	H	47	62.9
MAYER'S STONEY POINT	H	50	62.7
DAVID M REIFSNIDER	H	29	62.5
DONALD S SAVAGE	H	175	62.2
JAMES A. CARMACK	H	177	62.2
WHISPERING SPRNGS FARM	H	83	61.8
LEASEWAY HOLSTEINS	H	113	61.3
BLAINE HARMAN	H	61	61.0
MAL-LENE FARM	H	137	60.3
HARRY W. ROACH III	H	112	60.1
CEDAR KNOLL FARMS	H	63	60.0

CECIL COUNTY

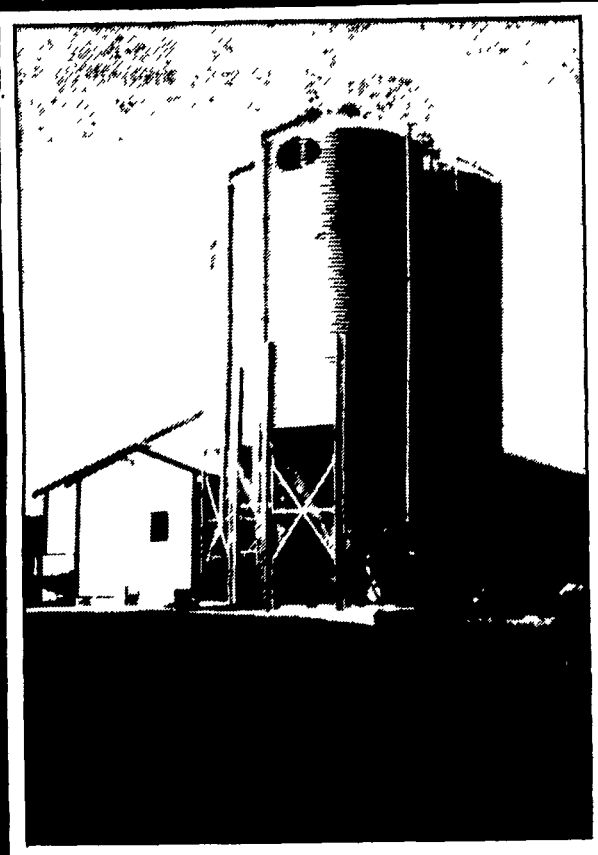
HERD NAME	HERD BREED	COWS IN HERD	MILK AVG FCM T
TOM AND JOY CROTHERS	H	56	81.6
GOODS DAIRY FARM	H	34	73.1
ENGLAND FARM INC.	H	31	73.0
KILBY INC.	H	231	71.7
ZION MEADOWS	H	105	69.9
STAFF-HERD FARM	H	86	65.3
LOCUST HAVEN FARM	H	36	65.3
PLEASANT VIEW FARMS	H	82	63.1
LONG GREEN FARMS INC.	H	114	62.7
ROBERT A. SIGLER JR.	H	65	62.0
ALBECK FARMS INC.	H	167	60.8
LEONARD & VERNON HORST	H	118	60.8
PIONEER VALLEY FARM	H	128	60.3

Dorchester County

HERD NAME	HERD BREED	COWS IN HERD	MILK AVG FCM T
HOWARD S BLAKE	H	51	60.7

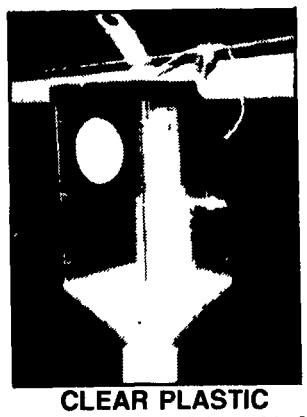
(Turn to Page A21)

GSI BINS & FLEX-FLO AUGER SYSTEMS



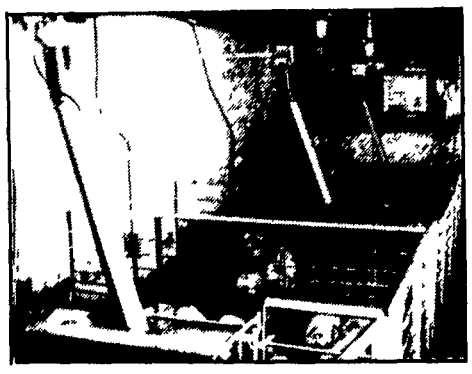
GSI GALVANIZED BULK BINS

FINISHING BUILDING INSTALLATION



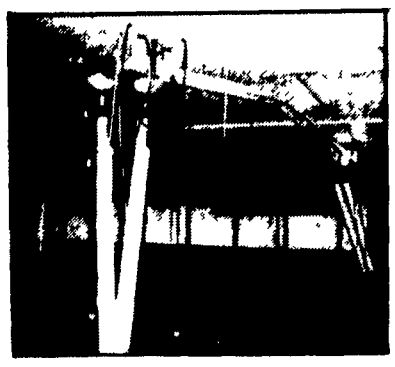
CLEAR PLASTIC ADJUSTABLE SOW DROP

FARROWING ROOM INSTALLATION



NURSERY INSTALLATION

GESTATION INSTALLATION



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Mid East UDIA Approves $6.1 Million Budget

COLUMBUS, Ohio — The board of directors of Mid East United Dairy Industry Association has approved a $6.1 million budget for the 1992 advertising and promotion programs of the dairy farmer-funded promotion association serving Ohio, western Pennsylvania and parts of West Virginia and northern Kentucky.

In addition to the programming of Mid East UDIA and the Federal Order 36 Advertising and Promotion Agency, the total budget includes $407,000 in advertising and nutrition education programs for which the Pennsylvania Dairy Promotion Program has contracted with Mid East to coordinate and implement joint programming in the commonwealth.

Advertising is Mid East UDIA's highest priority, and the association anticipates spending $3.3 million to develop and implement television and radio commercials for dairy products.

Approximately $2.8 million of this will promote fluid milk. The remaining dollars will fund seasonal advertising for butter, cheese, ice cream and other dairy products.

Television advertising will be the main focus of the 1992 media strategy, complemented by concurrent radio advertising. These two mediums provide the most efficient and cost-effective program delivery to reach the mass audiences with the greatest impact.

Mid East UDIA will sponsor two new 30-second television ads and three 60-second radio spots that will target the growing population of baby boomers, ages 25 - 49.

This group, concerned with maintaining their health and youthful appearance, offer the most potential to take advantage of milk's nutritional benefits and therefore increase their milk consumption.

The nutrition education and consumer marketing programs of the Dairy and Nutrition Council Mid East are a vital part of the association's unified messages. Mid East UDIA has allocated $1.45 million to research, develop and implement programs that will establish the association as the dairy nutrition resource for consumers.

Dairy Council's dietitians and home economists convey key nutrition messages through programs and services that deliver accurate and positive dairy messages to health care professionals, educators, and specific leader groups who have an impact on consumers of all ages.

Consumer marketing efforts focus on providing dairy-friendly communications to food editors, home economists, and other consumer leader groups.

In addition, Mid East will spend $570,000 on retail and foodservice marketing programs, which provide training and resources to dairy case managers, processors, restaurateurs, school foodservice directors and distributors to increase the sales and profitability of real dairy foods.

These programs also complement the seasonal advertising campaigns and therefore create higher visibility of dairy products during promotion periods.

The board also approved $290,000 for communications and industry promotions. These programs offer vital messages and services to consumers, the media, and dairy farmers about the overall promotional messages and services of the association.

As a member of the United Dairy Industry Association, Mid East UDIA will contribute $330,000 to the federation for unified research and development of advertising, marketing, and nutrition education programs designed to create a market for real dairy products.

The UDIA federation coordinates programs through the National Dairy Council and the American Dairy Association based on the needs of its 24 member-organizations and affiliated dairy council units.

UDIA also plans to continue to work with state and regional promotion groups outside of the federation as well as with the National Dairy Promotion and Research Board to conduct complementary programming.

The board also approved $260,000 for Mid East's organizational operating expenses necessary to conduct the business of the association.

All of Mid East UDIA's advertising and marketing programs are structured to complement one another and to deliver a unified promotion message, therefore maximizing the efficiency of dairy farmers' promotion dollars.

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CHISEL PLOWS
7'-16'

11 Ft. mounted chisel plow with 32 inch shanks and spring clamp assemblies with gauge wheels and reversible regular chisel points.

The Brillion 3-Bar Mounted Chisel Plow is available with 1"x2"x26" or 1¼ "x2"x32" shanks. Available in 7'-16'. Options include gauge wheel kits for both 26" & 32" shanks. Also available are 2', 4', and 6' extension kits.

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MILLER EQUIP. CO.

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FOCUS

Pennsylvania Dairy Herd Improvement Association

Management Information For Barn Use

How Does Your Herd Compare?

STATE COLLEGE (Centre Co.) — This data is pulled from Pennsylvania DHIA's mainframe computer each week. It is a one-week summary representing approximately one-fourth of the herds on test, as they are tested monthly.

These data are valuable from a business management standpoint and can be used for comparing your operations to the averages from almost 1,400 herds across the state.

DHIA Averages for all herds processed between 11/25/91 and 12/02/91

Number of Herds Processed	1,187
Number of Cows Processed	71,151
Number of Cows Per Herd	59.9
Milk Per Cow (Lbs)	18,025
%-Fat	3.67
Fat Per Cow (Lbs)	662
%-Protein	3.17
Protein Per Cow (Lbs)	572
Average Days in Milk Per Cow	317
*Value for CWT Milk($)	12.14
*Value for CWT Grain($)	7.64
*Value for CWT Hay($)	4.25
*Value for CWT Silage($)	1.53
*Value for Pasture Per Day($)	.26
*Value for Milk Per Cow Per Year($)	2,189
*Feed Consumed Per Cow Per Year(Lbs)	
A: Grain	7,256
B: Hay	2,460
C: Silage	15,184
D: Day Pasture	54
*Feed Cost Per Cow Per Year($)	
A: Grain	554
B: Hay	104
C: Silage	233
D: Pasture	14
*Total Feed Cost Per Cow Per Year($)	906
*Income Over Feed Costs Per Year($)	1,282
*Grain to Milk Ratio	1:2.4
*Feed Cost Per CWT Milk($)	5.03
Avg Level For 995 SCC Herds	327,501

*Member generated figures

Average Farm Feed Costs For Handy Reference

To help farmers across the state to have handy reference of commodity input costs in their feeding operations for DHIA record sheets or to develop livestock feed cost data, here's this week's average costs of various ingredients as compiled from regional reports across the state of Pennsylvania. Remember these are averages so you will need to adjust your figures up or down according to your location and the quality of your crop.

Corn, No. 2y - 2.76 BU. 4.90 CWT.

Wheat, No. 2 - 3.32 BU. 5.54 CWT.

Barley, No. 3 - 1.94 BU. 4.15 CWT.

Oats, No. 2 - 1.52 BU. 4.74 CWT.

Soybeans, No. 1 - 5.43 BU. 9.07 CWT.

Ear Corn - 64.86 BU. 3.24 CWT.

Alfalfa Hay - 112.50 TON 5.63 CWT.

Mixed Hay - 104.25 TON 5.21 CWT.

Timothy Hay - 103.50 TON 5.18 CWT.

DHIA Facts And Figures For Lancaster Co.

	STATE AVERAGES	COUNTY AVERAGES
NUMBER OF HERDS	4,541	630
NUMBER OF COWS	280,060	37,792
NUMBER OF COWS PER HERD	61.7	60.0
MILK PER COW (LBS)	17,656	18,634
%-FAT	3.67	3.65
FAT PER COW (LBS)	647	681
%-PROTEIN	3.19	3.16
PROTEIN PER COW (LBS)	563	589
AVERAGE DAYS IN MILK PER COW	317	318
VALUE FOR CWT MILK ($)	12.50	12.40
VALUE FOR CWT GRAIN ($)	7.76	7.93
VALUE FOR CWT HAY ($)	4.17	4.80
VALUE FOR CWT SILAGE ($)	1.54	1.51
VALUE FOR PASTURE PER DAY ($)	.28	.26
VALUE OF MILK PER COW ($)	2,207	2,310
LBS GRAIN CONSUMED PER COW	7,182	7,669
LBS HAY CONSUMED PER COW	2,422	1,980
LBS SILAGE CONSUMED PER COW	15,239	16,403
DAYS ON PASTURE PER COW	57	70
GRAIN COSTS PER COW ($)	557	608
HAY COSTS PER COW($)	101	95
SILAGE COSTS PER COW ($)	235	248
PASTURE COSTS PER COW ($)	16	18
TOTAL FEED COSTS PER COW ($)	909	969
INCOME OVER FEED COSTS ($)	1,298	1,341
GRAIN TO MILK RATIO	1:2.5	1:2.4
FEED COSTS PER CWT MILK ($)	5.15	5.20

Wayne County Holds Roundup

HONESDALE (Wayne Co.) — The 1991 Wayne County 4-H Capon and Turkey Round-up was held recently at the Wayne County cooperative extension office, in Honesdale.

Dr. Herbert C. Jordan, extension poultry specialist, Penn State University, served as judge.

Paul Rosengrant, of Lake Ariel, had the grand champion exhibit of dressed 4-H capons. His exhibit received a total of 19.5 points out of a possible 20 point. Rosengrant is a member of the Explorers 4-H Community Club.

James Bannon Jr, of Waymart, had the Reserve Grand Champion exhibit of dressed capons. Jim, a member of the Cherry Ridge 4-H Club, showed a pair of dressed capons which earned a score of 19 points out of 20.

In the Junior Division, the results were: champion and blue ribbon, James Bannon Jr; reserve junior division champion and blue ribbon, Peter Nebzydoski (Pleasant Mount Go-Getters Club); red ribbon.

In the Intermediate Division, the champion and blue ribbon went to Paul Rosengrant; the reserve champion and blue ribbon, Renee Bannon (Cherry Ridge Club); red ribbon, Neil Keating, Lake Ariel (Kountfy Kids).

The Senior Division champion and blue ribbon winner was Chad Keating, of Lake Ariel (Kountry Kids). The reserve champion and blue ribbon winner was Scott Lewis, of Pleasant Mount Go-Getters; winning a red ribbon was Mark Nebzydoski, also of Pleasant Mount Go-Getters.

The dressed capons were judged on a number of factors. The judge looked for uniformity of weight of the two dressed capons, overall meatiness including the thighs and legs and freedom of excess fat cover, the overall scald and "dressing job" of each capon, trussing of the capons to present a neat, attractive poultry carcass and the use of "shrink" plastic poultry packaging to highlight and create "eye-appeal" of the dressed capon to the consumer.

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4. Make sure your tobacco in each bale is **uniform in color, this is very important.**

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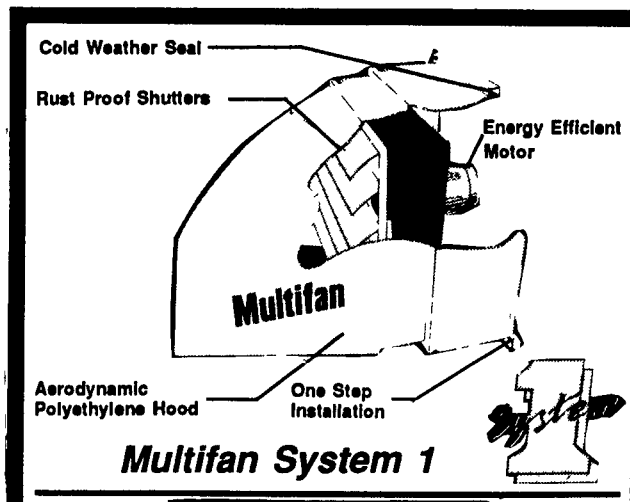

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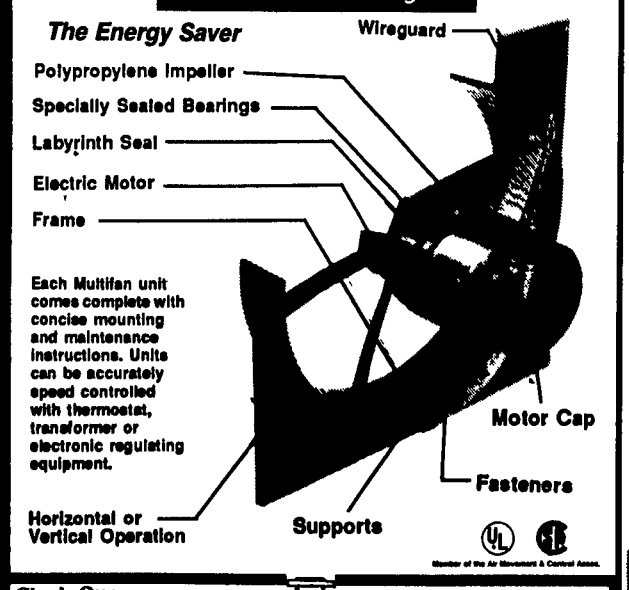

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- Single-pole double throw contact
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T15-2 (Two Speed)
When you need a dependable, accurate thermostat.
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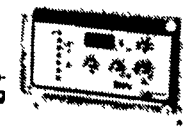

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- Not affected by lightning.
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3 settings available (left-hand button)	Speed position	Autotransfer 3A to 10A
O: Stop Operation	1	119V
A: Automatic Operation	2	141V
1-5: Manual Operation	3	154V
	4	187V
	5	240V

MARYLAND DHIA

(Continued from Page A18)

FREDERICK COUNTY

HERD NAME	HERD BREED	COWS IN HERD	MILK AVG FCM T
SPRING-VALE HOLSTEINS	H	63	77.8
DAVE & CAROLE DOODY	H	118	75.6
O CLAYTON SMITH	H	120	75.5
HOBBLE-HILL HOLSTEINS	H	88	74.9
SAVAGE-LEIGH FARM	H	156	74.6
HOTTELS DIST SPRINGS FARM	H	116	74.4
GARY & JUDITH REMSBERG	H	76	73.4
LINGANORE FARM	H	60	72.4
ERIC F-FAITH M BURALL	H	96	72.0
WAYNE Z TUCKER	H	124	71.9
TAYLOR MADE FARM	H	40	69.8
K SCOTT HOOD	H	63	69.1
RENN REMSBERG & SON	H	80	68.8
MIKE AND CATHY STRITE	H	91	68.6
GAYWINDS FARM	H	84	68.4
WILCOM, DONALD L.	H	131	68.3
MARK W KRANTZ	H	99	67.6
HOLTERHOLM FARMS	H	103	67.3
ZIMMANDALE FARM	H	63	67.0
LAMAR O HARA & SON	H	78	66.9
FRANKLIN M STOTTLEMYER	H	70	66.8
PAUL K. COBLENTZ & SONS	H	170	66.5
ENFIELD FARM	H	100	66.3
GARY L & MARY C SNYDER	H	51	66.3
DAVID F. GROSSNICKLE	H	97	66.2
LEIGH CASTLE HOLSTEINS	H	129	66.1
G. DONALD SHAFER & SON	H	141	66.0
KNOB-VIEW FARM	H	99	65.4
WILLIAM & KT SCHRODEL	H	188	65.2
WAYNE BURDETTE	H	132	65.0
PAUL & KAREN DOTTERER	H	93	64.9
KELLER, DONALD DEAN	H	65	64.6
DA-BREN FARM	H	139	64.2
DAVID TOMS	H	181	64.2
PLAIN FOUR FARMS	H	125	64.1
DARRELL& VIRGINIA WOLF	H	55	64.1
CLOVERTOP FARM, INC.	H	97	63.8
PINE HILL FARMS, INC.	H	148	63.7
TWIN OAKS FARM	H	90	63.7
J & M GARST INC.	H	70	63.3
MD-GARDEN SPOT FARM	H	81	63.2
JEFF AND JUDY ENGLAND	H	138	63.1
RIPLEYVALE FARM	H	131	63.0
GARY AND MARGARET EURY	H	57	62.9
LEN-LAND ACRES	H	208	62.8
ARTHUR & BETTY TYERYAR	H	133	62.8
GLADE - ROCK FARM	H	168	62.2
WARNER BROS INC	H	142	62.2
GOOD INTENT FARMS INC	H	195	62.2
ALLEN BROTHERS	H	99	61.8
DYKE & MARY GARVER	H	92	61.6
HOWARD A & RUTH PEARL	H	37	61.5
PAUL J. GREEN JR.	H	146	61.1
GLENN BEARD	H	88	61.0
JANESSA HOLSTEINS	H	132	60.5
JOHN C. TROUT	H	86	60.5
RYAN & CACIA MASSER	H	65	60.5
C. RODMAN MYERS	H	127	60.4
HARRY MURPHY & SON	H	61	60.4
HAROLD LONG	H	108	60.4
R-B FARMS	H	171	60.3
WACHTER, JOSEPH W.	H	69	60.2
ANOVADALE HOLSTEINS	H	20	60.2
DUBLIN HILLS FARM	H	53	60.2
JAMES E. RODERUCK	H	63	60.1

GARRETT COUNTY

HERD NAME	HERD BREED	COWS IN HERD	MILK AVG FCM T
ERNEST & DAN GANOE	H	131	72.7
DAVID W. YODER	H	42	71.9
CALVIN SCHROCK	H	38	71.2
PHILIP BEACHY	H	47	71.1

(Turn to Page A24)

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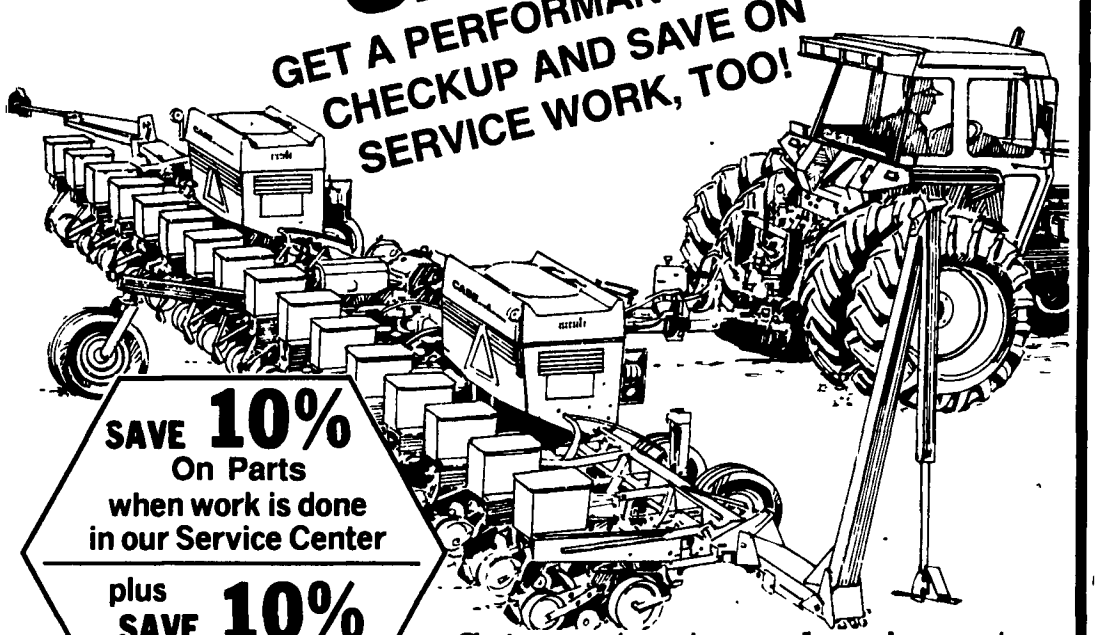

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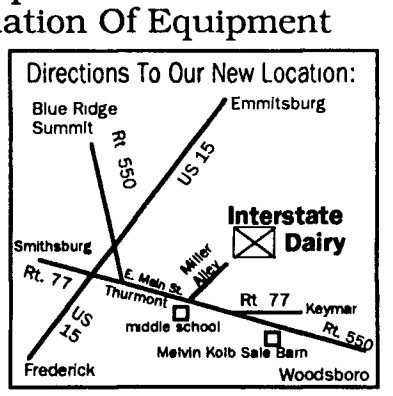

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Mifflin Extension Changes Name

(Continued from Page A1)

United States, pollsters conclude that most people, when asked about food safety, worry about food additives and pesticide residues.

What experts ask, though, is where are those who have died from food additives? With the Disease Center in Atlanta reporting that 8,000 people die each year of bacteria in the United States, the real threat becomes molds, toxins, and bacteria. Kroger also adds other threats to the list, including substances in food that occur naturally, and alcohol and caffeine consumption. Everything is a poison, stresses Kroger, if taken in large doses.

So why the overreaction about food additives and pesticide residues? Media hype. And education — or lack of.

"It behooves us in education to do something about it. We are educating away all kinds of other problems, such as war, through proper negotiation or conflict resolution. Now if we have a conflict in regards to food safety, in my opinion, we can also do away with it through the educational mode," Kroger said.

And so the need for change, through education, starting in the elementary grades. By eliminating the mystery of food production at an early age, adult consumers can then logically conclude three important points.

• While there are minuscule pesticide residues or toxins in the food, our abundant supply of food rivals no other in the world. Thirty thousand (30,000) people die each day — 20 per minute — because of lack of food. But we have more than plenty.

• The dose makes the poison. Everything is a poison. For example, because of caffeine, 60 cups of coffee at one time would kill you. "And, if we realize that a tiny little dose will not do us any harm, just like our body can take care of little insults, it can heal itself," Kroger said.

• Assess the risks. "For example, when I'm going home and I want to pass a slow car, I calculate if it is safe to overtake that car. I make this risk assessment. Well we also have to make other risk assessments, such as, should we ban a pesticide, Alar, for example? Alar is useful to the apple industry. Alar has never killed anybody... What are the benefits to be derived for society, and what is the possible risk to society," he said.

Kroger said, "I see education as an important factor in resolving the fears that we have in food safety. The 30,000 people who died yesterday and again today would look at our society, and our dinner tonight, as something fantastic, as something nutritious, as something safe, as something abundant, as something that is available any time of the year.

"So whenever the news comes out that some harm may be done, bring in the scientists and experts, and let's explain away these dangerous stories to the hysterical audience — through the process of education."

Re-elected into office, the Mifflin County Cooperative Extension Association's returning president, Marlin Aurand, center, stands with vice president Stan Dunk left, and treasurer John Czerniakowski, right. Missing from the photo is the newly elected secretary Vivian Mowery. Aurand conducted the meeting, featuring guest speaker Dr. Manfred Kroger, professor of food science at Penn State.

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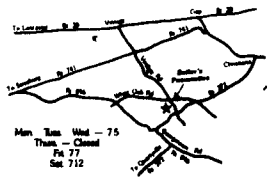

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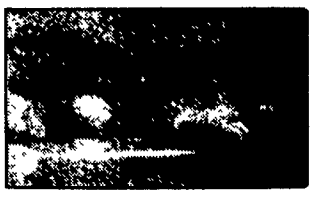

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Congressional Inaction Leaves Dairy Farms' Fate To Market Forces

(Continued from Page A17)

ers Federation. The federation, which represents many of the nation's cooperatives in Washington, was at the forefront of lobbying efforts for new legislation.

Those efforts ended when the Senate, in a close vote in late November, declined to approve a proposal that would have raised the federal government's milk support price a dollar and established a voluntary supply management program. A similar bill already had been shot down in the House of Representatives.

The inaction leaves the support price at its current $10.10 a hundredweight level (for milk containing 3.67-percent butterfat) and plenty of leeway for the M-W price to decline.

It was the unprecedented M-W declines of last fall and winter that drove area milk prices to their lowest levels in more than a decade and prompted calls for action from Washington. The federation came out in support of a package of changes that included the support price boost, an increase in the amount of non-fat solids the government requires in fluid milk and provision for a voluntary diversion program in which a producer assessment would provide funds to pay those dairymen who elected to cut back their milk production.

By contrast, current dairy policy, approved as part of the 1991 farm bill, essentially freezes the support price at the $10.10 level. It also has set up a producer assessment to cap the government's cost of buying surplus dairy products.

Keller said the federation's proposals drew strong opposition from various groups, including the National Cattlemen's Association and the Milk Industry Foundation, a trade organization for processors. It also was opposed by officials of the Bush administration, who favor a continuation of current policy.

Despite the defeat, federation officials remain hopeful that something can be done in 1992, Keller said. If, as feared, seasonal price declines prove worse than usual, then, as was the case last year, "there could be a real crisis for dairy farmers by spring," she said. That would once again stir calls for new legislation by sympathetic congressmen.

Fraher's numbers, which reflect the over-order premium paid to most Mid-Atlantic area farmers, are somewhat more optimistic. Overall, he said, the average Order 4 producer can expect to realize about 25 cents more per hundredweight in 1992 than he did in 1991, when the average price was about $12.95 for 3.5-percent-fat milk.

"A lot is going to depend on how low we go in the spring in terms of outlook for the industry," he said.

Currently, economists are assuming no major change in federal dairy policy in 1992 and a continuation of the over-order pricing structure that has been created in the area, although neither situation is totally locked in concrete.

The $1.05 premium imposed on Class I milk sales by the Pennsylvania Milk Marketing Board — which is the foundation for the same premium charged by the Middle Atlantic Cooperative Milk Marketing Agency — remains in place through June, according to PMMB spokesman Tom Kugel. The board has considered talk of extending or raising the premium because of the impact of the past summer's drought, but has yet to take any action, Kugel said.

The same $1.05 premium is also solidly in place in New Jersey as a result of action by the New Jersey Department of Agriculture. Although still under legal challenge from several milk dealers in that state, the department is collecting the premium and distributing payments of about 80 cents a hundredweight to New Jersey dairymen, said Carol Shipp, a spokesman for the department.

The only gap in this pricing structure exists in New York, where the failure to uphold a state-imposed premium under the Rogers-Allen Act has left individual dairymen and cooperatives to bargain directly with handlers for more money.

Lean Budget Adopted

The operating and capital budgets for fiscal year 1992, which began on October 1, 1991, were adopted by the Pennsylvania DHIA Board at the July 1991 Board meeting. Both budgets are conservative and reflect a strong concern by both the Board and management for the welfare of members, many of whom are experiencing cash problems caused by low mil prices in 1991.

The operating budget calls for no increases in staffing in 1992 and assumes an average enrollment of 335,000 cows each month. Current enrollment stands at about 339,000 cows, up from a low of 334,000 cows in August. Overall income is projected to be $4.659 million and expenses are expected to total $4.855 million yielding a negative margin of -$196,000. Cash reserves will be used to cover the shortfall.

Previously planned capital expenditures for '92 were eliminated in all possible areas resulting in a budget of $168,000 allocated as follows: $134,000 for installment payments for the new data processing system, $16,000 for a replacement sample pickup truck, $8,000 for new milk meters and a contingency of $10,000 for emergency needs.

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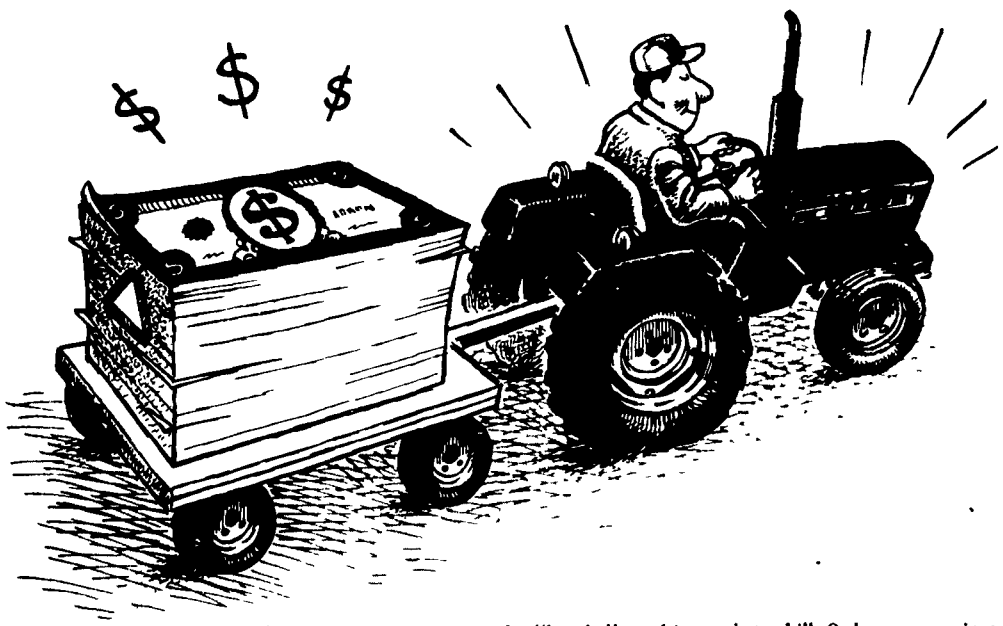

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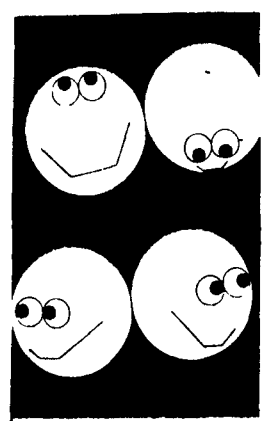
YORK (York Co.) — It's not too early for amatuer and professional artists, photographers, woodcarvers and sculpterers to start thinking about the fifth annual "Nature and Wildlife Art Festival" set for June 21, at Indian Steps Museum, Airville.

The festival is designed to proved artists with the opportunity to exhibit and sell work. Only items personally created may be displayed and offered for sale and all work should pertain to the program's theme of nature and wildlife.

The event is co-sponsored by the Conservation Society of York County and the Pennsylvania Power & Light Co., at Holtwood. For more information, or applications for space, call (717)764-4318, or write to June Moyer, 2366 Maple Road, York, 17404.



DON'T LOOK ANY FURTHER!
YOU'LL FIND IT IN LANCASTER FARMING'S CLASSIFIEDS

MARYLAND DHIA

(Continued from Page A21)

CLELAND BEITZEL	H	57	70.6
WAYNE E. SCHROCK	H	45	70.2
DELVIN MAST	H	116	66.1
COVEWIND-HILL HOLSTEIN	H	30	66.1
PAUL & HENRY KINSINGER	H	67	65.8
BENDER, CARL	H	105	65.6
H MICHAEL STEYER	H	54	65.2
ARLIN MAUST	H	30	65.2
FRED PETERSHEIM	H	48	64.8
JONAS D. KINSINGER	H	27	64.6
JOHN D. DOERR	H	110	64.3
MENNO J YODER	H	37	64.1
PINEY RUN FARMS	H	129	63.6
RICHARD BRENNEMAN	H	46	63.5
EZ-MAR-HAVEN	H	98	62.4
PAUL YODER	H	52	62.2
PAUL & NAOMI PETERSHEIM	JERSEY	31	60.8
RALPH LICHTY	H	37	60.2
GALEN KAMP	H	51	60.2
DEAN GEORG	H	41	60.0

HARFORD COUNTY

HERD NAME	HERD BREED	COWS IN HERD	MILK AVG FCM	T
MY-LADYS-MANOR FARM	H	229		71.6
W C GALBREATH & SONS	H	123		69.3
HAWKS HILL FARM	H	92		67.6
STRAWBERRY HILL FARM	H	112		67.1
MAROAMO FARM	H	103		66.2
CHARLES T. EDWARDS	H	106		65.4
BRICK HOUSE FARM	H	182		65.3
DAVID M. KEYES	H	90		63.1
HARKINS HILL FARM	H	137		62.9
STEPHEN C. TROUT	H	48		60.3
LOVDAL FARMS	H	103		60.0

HOWARD COUNTY

HERD NAME	HERD BREED	COWS IN HERD	MILK AVG FCM	T
DAVID & JAMES PATRICK	H	138		75.8
UNIVERSITY OF MARYLAND	H	107		70.3
BOWLING GREEN FARM	H	144		67.6
EDGEWOOD FARMS INC.	H	40		66.8
L-MEADOW FARM	H	66		66.2
MERRY ACRES FARM	H	41		61.6
PAUL F. HARRISON JR.	H	91		60.4

KENT COUNTY

HERD NAME	HERD BREED	COWS IN HERD	MILK AVG FCM	T
ROY W CROW	H	61		86.7
PUDDING RUN FARM	H	47		75.3
DIX LEE	H	28		74.9
R & E BRINK	H	63		74.8
FAIR HILL FARM INC.	H	208		72.8
GEN FARM I	H	700		70.1
CHANDALE FARM	H	69		68.9
FRIENDSHIP FARMS INC	H	106		68.4
WM SUTTON-WM SUTTON JR	H	91		67.4
R.F. & M.G. DULIN	H	36		67.3
HOWARD MCHENRY	H	206		67.0
MICHAEL H PHILIPP	H	57		67.0
P. THOMAS MASON	H	62		66.6
GREENWOOD ACRES	H	77		64.7
HILLS DAIRY PARTNERSHIP	H	146		64.4
BRICK HOUSE FM INC	H	111		63.7
RUNNING FOX FARM	H	78		62.9
JONAS & RUTH STOLTZFUS	H	88		62.3
JOHN Z. STOLTZFUS	H	71		61.9

MONTGOMERY COUNTY

HERD NAME	HERD BREED	COWS IN HERD	MILK AVG FCM	T
WALKER, STEWART & SONS	H	124		73.4
DAVID & E. B. WEITZER	H	69		71.8
RUDELL C BEALL & SONS	H	171		64.7
CRAZY ACRES HOLSTEINS	H	46		63.0

QUEEN ANNES COUNTY

HERD NAME	HERD BREED	COWS IN HERD	MILK AVG FCM	T
THOMAS & SHIRLEY JACKSON	H	46		76.3
PINTAIL POINT FARM	H	57		71.8
DONALD W. SKINNER	H	81		70.6
MCFARLAND DONNIE & WAYNE	H	125		67.9
L J & W E PALMATARY	H	180		66.5
HARRY L SCHRADER&SONS	H	173		66.1
CHARLES R PATTERSON	H	116		64.8
F & J MOORE	H	120		61.4
RONALD & TOM SMITH	H	61		61.2
BOONE BROTHERS	H	128		60.4

WASHINGTON COUNTY

HERD NAME	HERD BREED	COWS IN HERD	MILK AVG FCM	T
DWAYNE & MIRIAM BELL	H	31		91.5
DWAYNE & MIRIAM BELL	BR. Swiss	48		76.8
OWEN E MARTIN	H	19		76.1
AFTON SPRING DAIRY	H	67		72.4
DUAL LANE DAIRY	H	74		69.8
CURTIS W AUSHERMAN	H	141		69.5
ARJUBELL FARM	H	130		68.9
GILSON R. MARTIN	H	44		68.9
MIKE STILES	H	66		68.6
ISAAC AND DIANE MARTIN	H	51		67.2
LYNN STRITE	H	54		67.0
ARTHUR RHODERICK	H	200		66.6
EARL GROVE JR	H	117		66.1
EDGAR PAUL PRYOR	H	93		65.9
KENLIN MARTIN	H	54		65.7
BARNHART BROTHERS	H	55		65.0
MARSH-HAVEN FARM	H	94		65.0
THOMAS E SHAW	H	67		64.7
DEBAUGH FARMS	H	84		64.7
SUNRISE VIEW FARMS	H	103		63.6
CREEK BOUND FARM	H	88		63.5
JOHN HOSTETTER	H	43		63.5
ROY J. BYERS	H	35		63.4
IVAN & SUELLEN MARTIN	H	49		63.0
WOODSIDE DAIRY FARM	H	104		62.9
LAUREN D. MARTIN	H	81		61.8

HIGH GUERNSEY HERDS (3.5% FCM)

Herd Name	County	Cows in Herd Total	Milk Avg. FCM Total
Harry L. Frey Jr. & Sons	Washington	106	59.4
David G. Slater Sr.	Montgomery	14	56.3
England Farms Inc.	Cecil	24	54.5
John & Wm. Schnebly	Washington	69	54.1
Mt. Ararat Farms	Cecil	110	52.2
William B. Messix	Queen Anne's	18	49.1
Level Square Farm	Queen Anne's	93	49.0
Dogwood Lane Farm	Kent	45	47.1
Anovadale Guernseys	Frederick	39	45.7
Homer & Sadie Kinsinger	Garrett	13	45.7

HIGH JERSEY HERDS (3.5% FCM)

Herd Name	County	Cows in Herd Total	Milk Avg. FCM Total
Paul & Naomi Petersheim	Garrett	31	60.8
Roy Pool	Carroll	18	55.2
Queen Acres Jerseys	Carroll	132	54.9
MD-Garden Spot Jerseys	Frederick	13	54.7
Gaywinds Farm	Frederick	37	53.8
Homer and Sadie Kinsinger	Garrett	52	53.4
Windy Knoll Farm	Montgomery	57	52.5
Michael Forsythe	Washington	11	52.1
P. Thomas Mason	Kent	33	50.8
Stiles G. Nathan	Washington	60	49.1

HIGH AYRSHIRE HERDS (3.5% FCM)

Herd Name	County	Cows in Herd Total	Milk Avg. FCM Total
Patrick, David & James	Howard	56	59.6
Pudding Run Farm	Kent	34	57.9
Edgewood Farms Inc.	Howard	49	53.5
Shank, Ralph W.	Washington	227	49.9
Potomac St. College	W. VA.	60	49.8
Vales - Pride Farm	Frederick	14	46.5
Seneca Ayr Farms	Montgomery	53	39.9
Con-Ayr Dairy	Washington	65	39.7

HIGH BROWN SWISS HERDS (3.5% FCM)

Herd Name	County	Cows in Herd Total	Milk Avg. FCM Total
Dwayne & Miriam Bell	Washington	48	76.8
K. Scott Hood	Frederick	20	59.7
Fleming & Frey	Washington	14	58.7
Rudell C. Beall & Sons	Montgomery	20	57.7
Glad-Ray Brown Swiss Farm	Frederick	23	56.2
Dublin Hills Swiss	Frederick	11	55.2
Long View Farm	Frederick	30	53.5
John Hostetter	Washington	18	49.9
Glenvale Farm B.S.	Carroll	20	49.7
Ryan Bell	Carroll	15	47.5

Lancaster Declines Centralization

(Continued from Page A1)

and total equity of $45,312.43.

The top production award was presented to Spring Belle Farm where Roger and son Darrel Mills continue a 25-year tradition of high producing cattle with deep pedigrees and longevity.

In a farm visit Wednesday afternoon, Roger said that really the top production award was a bit unexpected because they were really trying to make milk as efficiently as possible to pay the bills. "We're not in competition with anyone," Roger said. "Except maybe with ourselves. We kept the barn full to get the best cash flow possible. If we would have been trying to make a record, we would have culled more extensively.

This barn full of large, type Registered Holsteins has 48 milk cows, 15 of them milked over 30,000 lbs. of milk this year. They were tended constantly and feed was in front of them all the time. "You can't make milk on an empty trough," Roger said. "Grain was fed three times a day."

Spring Belle is noted for their support of benefit and breed organization sales. Many of the cattle from this home-bred herd have gone on to do well for their new owners.

Roger recalled that back in 1961 the late Furry Frey had the top herd in Lancaster County with the Spring Belle Farm herd. Roger and his family came to Spring Belle in 1967. "You could say it took us 30 years to do this (top the county) again," Roger laughed.

At the banquet meeting, Glenn Shirk, Lancaster dairy extension agent, said the local organization should be proud of its leadership and complimented the members for their support of that leadership.

In addition, Shirk noted that the average cow in Lancaster increased production last year by 978 pounds.

"I've never seen an increase like that in one year's time," Shirk said. "That's almost 1,000 pounds increase in one year, but you did it. You can pat yourself on the back."

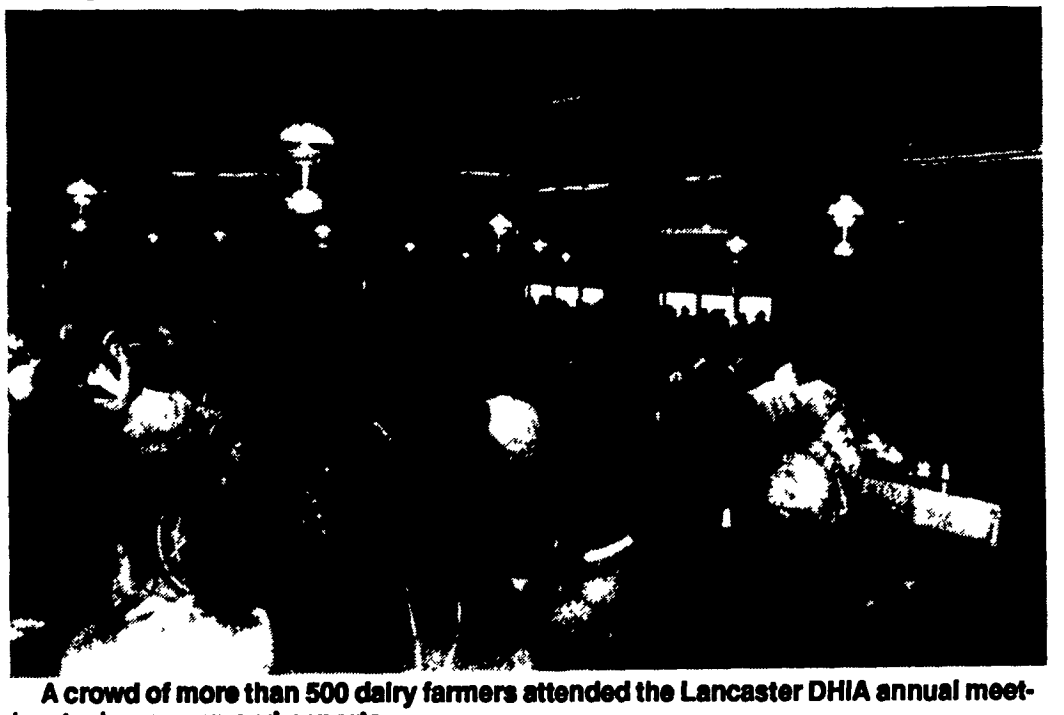
Shirk also noted that the number of herds over 20,000 lbs. of milk had doubled in the year.

"That does not happen by accident," Shirk said. "It takes teamwork from everyone on your farm and in the agribusinesses who serve you."

The county agent noted that very few other areas can boast of having a national president and representation on the state board, as well as a good local board. He said this multilevel representation said a lot about the good reputation of Lancaster County's dairy industry.

"We have a lot of decisions to make in the year ahead," Shirk said. "My hope is that good judgment, based on facts, will prevail in this fact-finding process. It's very easy to point fingers and assign blame. I hope we don't lower ourselves to that level. I think we (Lancaster) can set the example for many people. We have that opportunity. Working together in a respectable way, we can consider the facts and make a responsible decision. Yes, for your own good, but also for the good of all. If we can do that, we can be proud of what we have done."

Supervisor Maurice Welk was named to receive the distinguished service award for outstanding service to DHIA. The Red Rose Performance Award winners were Joe Lindecamp, Harold Probst, Becky Hershey, Patti Sue Johnson, Nelson Kreider, Joan Probst, Wilbur Houser, and Welk.



A crowd of more than 500 dairy farmers attended the Lancaster DHIA annual meeting to hear year end reports.

Member awards for top milk herds by breed are Ayrshire, Warren Schmuck, 15,600m, 526p; Brown Swiss, Richard Wenger, 17,923m, 630p; Guernsey, Axel Linde & Mildred Widmann, 16,166m, 570p; Holstein, Roger Mills, Spring Belle, 24,478m, 776p; Jersey, John & Cindy Batchelder, Star Point, 15,378m 585p.

The top protein herds were Spring Bell, 776p; John Howard, 757p; Curtis Akers, 753; Amos Martin, 742p; Aaron Zeiset, 729p; Robert & Linda Sensenig, 725p; and Dale & Steve Hershey, 727p.

(Turn to Page A26)

Seed Crushers Study Soybean Shipping

WASHINGTON, D.C. — The U.S. Department of Agriculture's Federal Grain Inspection Service and the European Community Seed Crushers' and Oil Processors' Federation (FEDIOL) will perform a cooperative study of soybean quality between origin and destination ports.

The study will involve sampling and analyzing soybeans in one hold of each of six shiploads traveling from the United States to Western Europe.

According to FGIS Administrator John C. Foltz, the project provides an opportunity for U.S. and EC inspectors to share sampling and inspection techniques, and to evaluate changes in quality between the time of sampling at U.S. and European ports.

"This study is the first time that official U.S. inspection procedures will be used both at origin and destination to determine the effects of shipping and handling on the quality of U.S. soybean shipments destined for European markets," Foltz said.

Later this month, an FGIS specialist will travel to Europe to test the sampling equipment and provide direction to USDA's Agricultural Research Service, which will sample subsequent cargoes at destination on behalf of FGIS.

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Berry Growers Meeting

ITHACA, N.Y. — The annual meeting for the New York State Berry Growers Association will be held at 11:40 a.m. on Wednesday, January 29, during the 1992 New York State Vegetable and Direct Marketing Conferences at the Riverside Convention Center, Rochester, N.Y.

Members and interested small fruit growers at the conference are invited to attend. Business of the Association will be attended to, as well as the election of officers for 1992 and a review of plans for the coming year.

This statewide organization was established several years ago to further the interests of small fruit growers around the state. Its publishes a newsletter and has a number of other benefits to offer its membership. For more information about the organization itself, contact either its president, Frank Wiles, at (607) 687-2874, or its secretary, Mary Ann Grisamore, at (315) 497-1120.

Lancaster County Year-End Production And Management Records

(Continued from Page A25)

Individual Herd Records

Five hundred and twenty herds, with an average of more than five cows, exceeded an average production of 450 pounds of protein. Herds above 650 are listed here in order of their average production.

OWNER'S NAME	ADDRESS	BREED	NO. COWS	PCT DIM	MILK LBS.	3 X	FAT LBS.	PRO-TEIN LBS.	T T	% IST	% PUR	% REM
Spring Belle Farm	1343 Gypsy Hill Rd., Lanc.	RH	47.3	84.3	24,478		880	776	R	19	0	18
John Howard	1831 Hans Herr Dr., W. Street	RH	39.8	85.7	23,353		870	757	R	27	0	20
Curtis F. Akers	590 Church Rd., Quarryville	RH	56.2	90.1	23,600		889	753		20	0	23
Amos N. Martin	117 Water Street, Narvon	R&GrH	75.8	86.7	23,563		791	742	A	18	2	37
Aaron R. Zeiset	213 School Road, Leola	RH	41.5	90.9	22,533		828	729	B	28	0	31
Dale & Steve Hershey	1917 Locust Grove Rd., Man.	RH	55.9	89.1	23,782	*	837	725		30	0	19
Robert & Linda Sensenig	2243 S. View Rd., Lanc.	R&GrH	78.0	89.0	22,854		799	725	B	23	2	21
Jeffrey L. Aungst	2062 Bossler Rd., E-Town	R&GrH	46.7	87.8	23,376		811	724		32	0	26
Wea-Land Farm	4284 Ashville Rd., Quarryville	RH	72.1	88.0	22,518		839	722	R	20	7	30
David R. Wenger	532 Brenneman Rd., Manheim	R&GrH	41.4	87.3	22,958		666	722	A	12	0	16
Daryl & Sam Martin	477 Compass Road, Gap	R&GrH	94.6	90.1	22,523		789	716	A	13	4	30
Amos B. Stoltzfus FMZ	R.#2, Box 7A, Honey Brook	R&GrH	54.4	84.0	22,576		738	715	A	17	1	26
P. Robert Wenter	176 Cardinal Dr., Quarryville	RH	43.5	89.0	21,482		856	709		22	0	24
Walnut Run Farm	292 Elm Road, Lititz	R&GrH	228.3	88.3	23,224	*	821	709		29	0	26
Stephen L. Hershey	2661 Bossler Rd., E-Town	R&GrH	62.2	89.5	22,212	*	824	706	R	25	2	31
John R. & Rick Groff	37 Quarry Road, Leola	RH	56.4	86.0	22,377		774	706		21	0	19
Weaver Homstead Fm.	235 White Oak Rd., N. Holland	GrH	84.3	89.4	23,370	*	891	705	A	28	0	28
Edwin J. Landis	1406 Lampeter Rd. Lancaster	R&GrH	81.4	89.5	21,480		712	705		25	1	34
Dave & Jodi Findley	350 Drytown Rd., Holtwood	R&GrH	61.8	81.1	22,087		684	705	A	17	0	28
Elmer M. High	255 Middle Creek Road, Lititz	RH	53.4	85.4	22,813		810	703	B	26	0	24
Robert L. Shelly	2463 Meadow View Rd., Manheim	RH	57.2	90.7	21,470		823	701	R	23	0	31
J. Harold Fritz	1820 Woodland Ave., Lancaster	R&GrH	138.7	88.2	22,479		818	699		20	0	17
Dal Car Farm	3501 N. Colebrook Rd., Manheim	R&GrH	77.8	91.9	21,314		774	698	A	24	0	31
John U. Glick	989 Smyrna Road, Kinzers	RH	55.9	91.1	22,368		781	697		30	0	25
Homer G. Hess	R.#1, Box 137, Marietta	R&GrH	65.6	86.6	23,012		817	696	R-B	24	0	19
Thonywood Holsteins	100 Wabash Road, Ephrata	RH	45.1	89.9	21,907		747	696	R-B	16	2	23
Robert Kauffman Jr.	1034 Pravis Hollow, P. Bottom	RH	110.6	85.6	21,708		810	693		24	0	26
Glenn E. Burkholder	1741 Prospect Rd., Wash. Boro	RH	66.8	85.7	22,623		868	691		21	0	21
David K. Stoltzfus	R.#4, Box 248, Honey Brook	R&GrH	47.1	85.8	21,301		730	691	A	23	2	20
Bob & Karen Gochenaur	419 Penn Grand Rd., Lanc.	RH	59.0	87.2	21,893		811	690		21	0	23
Vernon R. Umble & Son	1135 Bartville Rd. Christiana	RH	83.3	89.9	20,891		796	690		30	0	28
Nevin S. Horning	302 Buch Hill Rd., Lititz	R&GrH	50.2	86.7	22,394		763	690	A	26	0	27
Noah N. Martin	856 Wesley Road, Kirkwood	R&GrH	50.9	89.0	21,576		786	689	A	26	1	18
Shelmar Acres	580 Colebrook Rd., Mt. Joy	RH	88.7	89.0	22,236		823	684	R	23	2	20
Marvin R. Stoltzfus	392 East Fby Road, Leola	RH	51.8	89.0	21,868		811	682	B	18	6	25
Jay Richard Groff	951 Mountain Road, Manheim	R&GrH	115.1	87.4	21,974		767	681	A	26	0	23
John S. Zimmerman	R. D. # 2, Box 45, Fast Earl	R&GrH	59.6	90.0	22,169		875	680		33	0	26
Ivan Zook & Sons	R. D. # 2, Box 444, Elverson	R&GrH	74.6	84.7	21,579		801	678		29	0	26
Star Point Holsteins	894 Spring Valley Rd., Quarry	R&GrH	51.1	86.8	21,003		748	677	R	18	1	22
Edwin Sensenig	298 King Fen Road, Quarryville	R&GrH	73.7	87.6	21,058		725	677	A	32	0	24
David & Robin Dum	1181 Silver Spring Rd., Mt. Joy	RH	89.6	86.1	21,513		728	676	B	25	0	23
Rick & Kim Brenneman	317 Spring Hill Rd., Quarry	Mix	26.0	88.2	20,809		807	675		22	6	19
Ivan H. Hursh	515 Cleavview Road, Ephrata	R&GrH	46.0	88.0	21,071		777	673	B	32	0	26
Amos E. Stoltzfus	R. D. # 4, Box 375, Hon. Brook	R&GrH	63.8	84.2	21,321		759	673	A	11	0	16
Roy F. Sensenig	50 Roberts Rd., Nottingham	R&GrH	60.5	85.6	21,297		739	673	A	25	0	27
JS Smucker-Sons FH	5508 Seldomridge Rd., New Hol.	R&GrH	49.4	87.4	21,822		792	672	R	16	7	29
Clay Farm	105 N. Clay Road, Lititz	RH	57.6	84.5	21,735		784	672	B	24	0	24
Warren T. Good	419 Peach Bt., Rd., W. Street	R&GrH	45.9	89.0	21,584		770	671	R	25	0	18
Abraham Shelly Jr.	680 N. Esbenshade Rd., Manheim	RH	38.5	90.2	20,190		752	671	B	25	0	30
Earl & Anna Mae Reiff	61 Hahstown Rd., Ephrata	R&GrH	41.7	83.8	21,076		805	670	A	28	0	22
J. Ray Ranck	183 Black Horse Rd., Paradise	R&GrH	60.8	88.2	20,714		796	670	B	25	0	26
Dale Weiler	1657 Union Grove Rd., E. Earl	R&GrH	39.7	86.9	21,342		782	670	A	24	0	16
Robert N. Brandt	3234 Etown Rd., Elizabethtown	R&GrH	50.5	87.0	21,789		769	670		29	0	22
Emanuel S. Esh	849 Strasburg Road, Paradise	R&GrH	45.3	90.0	21,603		764	670	A	22	0	22
Samuel F. Long	1214 Furniss Rd., Peach Bottom	RH	43.9	88.5	21,341		757	670		16	0	37
Kenneth F. Zurin	2075 Spooky Nook Rd., Mt. Joy	R&GrH	267.3	89.7	22,105	*	808	669	AC	29	0	28
LeRoy M. Stoltzfus	5415 Lincoln Hwy., Gap	R&GrH	37.7	88.4	21,799		775	668		19	0	23
Clair R. Landis	370 Fairview Road, Ronks	R&GrH	63.9	89.5	20,722		716	668	A	27	0	20
Welk Shade Holsteins	626 St. Catherine Dr., Quarry	RH	65.1	85.7	20,093		779	667	R	18	10	30
Singing Maples Farm	R. D. # 6, Box 68, Lancaster	R&GrH	81.4	85.3	20,253		785	664		28	0	26
John P. Lapp	115 S. Groffdale Road, Leola	RH	47.7	92.1	20,584		782	664	R-B	19	11	23
Timothy Kurtz	R. D. # 3, Box 27, Elverson	R&GrH	83.8	87.9	21,618		780	663		23	3	25
Harry L. Troop	R. # 1, Box 158, Cochranville	RH	65.6	91.1	21,444		734	663		24	0	33
Elvin & Dorcas Reiff	Box 1775, Pinkerton Rd., Mt. Joy	R&GrH	44.6	88.9	21,161		780	662	A	28	2	25
Marvin Z. Weaver	R. D. # 3, Box 321A, Lititz	R&GrH	39.8	87.6	21,175		778	662	B	22	0	22
Vernon N. Martin	565 Middle Creek Road, Lititz	RH	71.1	93.1	20,787		752	662	B	12	1	27
Harold K. Witmer	1364 Lawn Road, Manheim	RH	46.0	91.5	20,497		743	662	R	23	0	18
Rodney Denlinger	262A Belmont Road, Gordonville	RH	40.3	89.1	21,790		843	661	R	21	0	28
Donald B. Trimble	136 Herr Drive, Peach Bottom	R&GrH	30.3	86.6	20,607		766	661		18	0	26
R. Edwin Harnish	1586 Georgetown Rd., Christiana	RH	46.3	88.7	20,467		815	660	B	35	0	14
Wilmer L. Shertzer	R. D. # 2, Box 89, Columbia	R&GrH	80.5	86.9	20,898		718	660	AC	19	0	25
Ivan S. Ringler	318 Boot Jack Road, Narvon	R&GrH	50.4	87.2	20,786		672	660	A	8	3	20
Rohrer Brothers	690 Strasburg Road, Paradise	RH	71.0	90.1	21,002		796	659	B	33	0	19
Ammon E. Reiff	1437 East Newport Road, Lititz	RH	34.5	90.1	20,878		770	659		21	25	34
Robert H. Rohrer&Sons	143 Charlestown Rd., W. Boro	R&GrH	380.0	88.9	21,434	*	760	659	A	31	0	29
Kenneth R. Martin	1397 Robt Fulton Hwy., Quarry	R&GrH	53.1	87.4	20,690		750	658	A	30	12	42
John G. Good	1551 Division Hwy., Narvon	RH	55.3	87.3	21,137		730	658	B	18	0	24
Six Corner Farm	234 S. Groffdale Rd., Leola	R&GrH	44.2	88.6	21,295		785	657	B	31	2	29
Mervin S. Stoltzfus	R.D.#3, Box 40, Honey Brook	GrH	61.9	89.4	21,063		768	657	A	20	0	26
John & Barb Brubaker	612 Noble Road, Christiana	RH	75.9	88.3	20,330		759	657		14	0	19
Mahlon E. King	5530 Meadville Road, Gap	R&GrH	32.1	87.1	20,460		746	657		27	0	24
Fultonway Farm Inc	403 Beaver Valley Pk., W. Street	RH	74.0	86.6	20,443		770	655	R	22	49	35
Thomas C. Lapp	R. D. # 2, Box 398, Gap	RH	62.2	89.3	20,589		765	655	R	25	0	24
Running Springs Farm	1551 Mentzer Rd., Lancaster	R&GrH	114.1	84.3	21,305		754	655		25	0	25
Abner S. Esh	226 S. Vintage Road, Paradise	R&GrH	42.0	87.9	21,342		696	655	A	23	0	21
Walter M. Hurst	221 Meadow Valley Rd., Ephrata	GrH	48.8	87.1	20,933		735	654	A	23	2	23
Tritown Farm	165 N. Hershey Avenue, Leola	RH	33.1	86.1	20,892		730	654	R	21	5	31
Henry F. Stoltzfus Jr.	756 Temperan Hl Rd., Lititz	RH	44.3	85.2	21,468		720	654	A	22	0	12
Lenewood Farm	17001 Kirkwood Pike, Oxford	RH	75.8	85.7	20,901		742	653		27	0	24
Kenton L. Swelgart	R. D. # 1, Box 316, Mt. Joy	R&GrH	60.0	87.2	19,828		739	653	AC	32	0	26
John E. Coleman Jr.	150 Cherry Hill Road, Ronks	RH	61.5	89.1	20,646		819	652	B	22	1	23
Ar-Len Farm	490 Snyder Road, Lititz	R&GrH	43.9	89.2	21,542		783	652		27	3	29
Nelson & Jane Stoner	194 W. Lexington Rd., Lititz	R&GrH	108.3	85.7	22,398	*	775	652	R	24	0	22
Clifford & Joyce Blank	708 Whitehorse Rd., Gap	RH	52.8	86.1	21,697		747	652	B	23	0	27
Calvin D. Weiler	2185 Smyrna Road, Paradise	RH	49.2	91.1	20,310		735	652	R	25	3	30
Henry D. Zimmerman	R D #2, Box 157A, Honey Brook	R&GrH	53.5	87.6	20,519		797	650	A	21	3	26
Kreider's & Nickle	132 Center Road, Quarryville	R&GrH	157.9	88.7	20,222		766	650		24	0	26
Ken & Lisa Wiker	993 Truce Road, Holtwood	R&GrH	80.4	85.5	20,831		746	650		30	0	26
Melvin R. Eby	459A Queen Road, Gordonville	RH	55.0	86.8	20,423		724	650	R	18	0	22
Nelson Nolt 5466	Seldomridge Rd., New Holland	R&GrH	26.3	89.7	20,340		704	650		11	14	33

Top Producing Cows By Protein By Breed

OWNER	BARN NAME	EAR TAG/ REGISTRATION	SIRE ID	DATE CALVED	AGE	LACT NO.	TYPE TEST	DAYS 2X	DAYS 3X	MILK LBS.	PRO-TEIN %	PRO-TEIN LBS.	FAT %	FAT LBS.
AYRSHIRE														
James Martin	Margaret	924957	128211	8-15-90	5-10	4		305		19,868	3.5	703	4.3	860
Masonic Homes Farms	146	897967	139890	2-4-90	7-11	6	R	305		21,440	3.2	692	3.6	769
Alvin S. Zook	Virginia	969677	139476	1-29-90	3-7	2	A	305		20,542	3.2	661	3.3	684
Alvin S. Zook	Pearly	900939	132896	1-15-90	7-4	6	A	305		20,481	3.2	660	3.3	680
GUERNSEY														
A. Linde & M. Widman	Peprmnt	2897017	596262	4-19-90	5-1	4	R	303		23,860	3.4	815	4.7	1127
A. Linde & M. Widman	Nugget	2888821	596589	1-5-90	5-1	4	R	305		22,015	3.5	776	4.4	978
A. Linde & M. Widman	Ginger	2938450	597376	9-22-90	3-5	2	R	305		22,815	3.4	775	4.1	931
A. Linde & M. Widman	Tinsel	376004224	586569	3-31-90	6-2	5	R	305		21,716	3.5	758	4.9	1057
J. Richard Brenneman	Faye	2892563	595722	12-25-89	5-6	4		305		22,352	3.3	738	3.9	872
A. Linde & M. Widman	Ramona	2935441	592592	4-29-90	3-0	2	R	305		20,060	3.4	691	4.0	794
Kenneth W. Garber	Lynette	2908278	591871	11-30-89	4-7	3	R	305		18,614	3.7	686	5.0	929
JERSEY														
Robert W. Ulrich Jr.	Dottie	3463360	630622	12-18-89	4-10	3	R	305		22,205	3.7	826	4.8	1075
Sam & Marion Tony	Blacky	83CRR5967	630347	7-19-90	5-2	4		305		21,909	3.5	756	4.0	885
Star Point Jersey	Palma	3438759	634104	6-8-90	4-10	3	R	305		20,737	3.6	749	4.4	903
Star Point Jersey	Paula	3487323	632243	2-27-90	3-5	2	R	305		19,462	3.8	739	4.1	806
Graywood Farms	307	23VLZ5543	633646	12-12-89	3-2	2		305		22,136	3.3	738	3.8	842

(Turn to Page A39)

Individual Herd Records, Somatic Cell Count

Fifty nine herds had a somatic cell count of less than 200,000. Their listings are as follows:

OWNER'S NAME	BREED	NO. COWS	% DAYS IN MILK	MILK LBS.	3 X	FAT LBS.	PRO-TEIN LBS.	T T	SCC COUNT
Bo Joy Farm	MIX	32.6	91.1	12,667		588	453		106,000
Gordon E. Herr	R&GRH	87.1	87.2	18,238		675	584		109,000
Dale L. Martin	R&GRH	59.7	89.2	17,467	*	630	559	A	120,000
Earl N. Landis	RH	55.5	84.6	20,774		799	649		123,000
Bo Joy Farm	RBRSW	38.4	89.4	13,964		567	492	R	127,000
Curtis E. Akers	RH	56.2	90.1	23,600		889	753		129,000
Amos E. Stoltzfus	R&GRH	63.8	84.2	21,321		759	673	A	132,000
Homer G. Hess	R&GRH	65.6	86.6	23,012		817	696	R-B	134,000
RW & Jean Campbell	MIX	38.9	87.9	13,024		587	459	A	136,000
Donald R. Trimble	RBRSW	46.9	87.2	16,514		706	595	R	139,000
Walter M. Hurst	GRH	48.8	87.1	20,933		735	654	A	140,000
Ira M. Heistand Jr.	R&GRH	64.9	88.0	16,357		604	513		140,000
Galen C. Martin	RH	46.9	85.9	19,418		754	617	R	142,000
Edwin Sensenig	R&GRH	73.7	87.6	21,058		725	677	A	147,000
Marvin W. Weiler	RH	32.6	86.3	17,969		662	580	B	147,000
Warren A. Schmuck	RA	76.7	86.8	15,600		626	526	R	149,000
M. Eugene Lapp	R&GRH	36.3	89.4	17,504		639	555		150,000
Marlin R. Beiler	RH	22.3	89.5	21,094		771	645	B	152,000
Abraham Shelly Jr.	RH	38.5	90.2	20,190		752	671	B	154,000
John T. Weaver	R&GRH	54.2	83.2	19,756		682	605	B	155,000
Meadow Vista Farm	RH	150.0	88.3	20,231		763	613		156,000
Nate&Trish Stoltzfus	R&GRH	42.3	87.1	18,791		712	610		157,000
Christ S. Fisher	R&GRH	40.4	86.3	17,310		623	551	A	158,000
Lloyd R. Sensenig	R&GRH	68.5	88.5	19,356		709	615		159,000
Axel Linde & M. Widmann		55.7	85.1	16,166		728	570	R	159,000
Ralph Petersheim	RH	75.5	87.4	20,082		697	638		160,000
K&Q Swiss	RBRSW	18.7	84.3	14,971	*	580	501	R	160,000
Trout Spring Farm	RH	50.2	87.3	19,690		687	610	B	161,000
Harold S. Musser	GRH	44.2	85.4	19,310		690	588	A	165,000
Curvin W. Nolt	RH	64.3	86.9	20,034		745	635		165,000
Melvin B. Beiler	RJ	27.8	86.2	11,975		579	448	A	165,000
Welsh-Vista Farms	RH	105.5	87.1	19,769		692	621		166,000
Sky View Farm	R&GRH	53.9	86.0	18,193		626	572	A	166,000
Earl H. Hoover	GRH	42.1	88.9	19,058		715	611	A	168,000
Samuel F. Long	RH	43.9	88.5	21,341		757	670		169,000
Paul S. Sauder	RH	79.6	89.6	18,161		706	581		171,000
Roy E. Sensenig	R&GRH	60.5	85.6	21,297		739	673	A	173,000
David K. Stoltzfus	R&GRH	29.5	87.4	20,812		752	640	A	174,000
Karl W. Herr	R&GRH	36.6	89.5	19,267		705	615		174,000
Dale Weiler	R&GRH	39.7	86.9	21,342		782	670	A	179,000
Levi J. Beiler	R&GRH	31.2	84.8	16,148		574	499	A	182,000
Reuben Z. Beiler	RH	47.4	86.8	20,791		760	637		183,000
Noah N. Martin	R&GRH	50.9	89.0	21,576		786	689	A	184,000
Elmer Lantz Jr.	R&GRH	36.8	87.7	17,654		650	545	A	185,000
Robert L. Shelly	RH	57.2	90.7	21,470		823	701	R	185,000
Amos S. Zook	R&GRH	43.6	86.7	17,493		630	550	B	185,000
Titus B. Stoner	RH	83.5	90.9	20,031		808	633	R	185,000
Samuel S. Stoltzfus	R&GRH	34.0	86.9	18,608		665	572	A	186,000
Marvin Z. Weaver	R&GRH	39.8	87.6	21,175		778	662	B	187,000
Harold & Tom Wentzel	R&GRH	54.1	86.1	19,434		642	607	A	188,000
Dal Car Farm	R&GRH	77.8	91.9	21,314		774	698	A	190,000
Harold K. Witmer	RH	46.0	91.5	20,497		743	662	R	193,000
El-Dell Farm	R&GRH	32.7	87.0	19,927		727	606	B	194,000
Glenn H. Wenger	R&GRH	40.1	84.8	19,925		705	616	B	194,000
Rob-Bonnie Wentworth	RA	51.5	85.2	14,482		561	482	R	197,000
Christian G. Becker	R&GRH	48.6	90.5	19,774		679	625	A	197,000
Harry H. Ranck Jr.	RH	47.9	86.1	19,975		750	624		197,000
Tom Zartman	R&GRH	169.4	87.3	19,817	*	752	619	AC	198,000
Elmer M. High	RH	53.4	85.4	22,813		810	703	B	198,000

R - DHIR
A - ALTERNATE AM-PM
B - ALTERNATE AM-PM WITH TIMER
AC - TWO MILKINGS ARE WEIGHED ONE MILKING IS SAMPLED MONTHLY

The Comparative Results For Fifty Years Of Testing

THE COMPARATIVE RESULTS FOR THE FIFTY TWO YEARS OF TESTING

YEAR	AVERAGE NO. COWS	POUNDS OF MILK	POUNDS OF BUTTERFAT
1939-40	941	9,344	370
1940-41	1,208	9,528	372
1941-42	1,569	9,450	369
1942-43	1,385	9,069	356
1943-44	1,391	8,808	360
1944-45	1,638	9,156	356
1945-46	2,100	8,951	354
1946-47	1,999	8,895	351
1947-48	2,141	9,085	356
1948-49	3,288	9,274	354
1949-50	3,760	9,565	374
1950-51	4,339	9,306	361
1951-52	4,503	9,303	357
1952-53	5,419	9,371	363
1953-54	5,947	9,473	368
1954-55	6,206	9,767	388
1955-56	7,219	9,568	384
1956-57	7,614	9,654	388
1957-58	8,542	9,709	393
1958-59	10,003	10,007	405
1959-60	11,414	10,373	418
1960-61	12,168	10,618	425
1961-62	12,856	11,024	442
1962-63	13,807	11,921	478
1963-64	14,440	12,083	482
1964-65	14,732	12,211	486
1965-66	15,793	12,355	485
1966-67	16,641	12,465	490
1967-68	16,976	12,264	479
1968-69	18,077	12,478	487
1969-70	18,727	12,598	489
1970-71	19,368	12,574	488
1971-72	19,543	12,644	485
1972-73	20,162	12,675	488
1973-74	21,480	12,898	502
1974-75	22,317	13,501	521
1975-76	23,600	13,762	529
1976-77	24,270	14,424	555
1977-78	24,476	14,737	558
1978-79	27,353	14,963	557
1979-80	29,203	14,941	556
1980-81	31,726	15,484	580
1981-82	34,241	15,940	590
1982-83	35,648	16,264	594
1983-84	35,403	16,152	608
1984-85	36,952	16,376	600
1985-86	37,675	17,049	617
1986-87	37,604	17,476	635
1987-88	38,389	17,496	644
1988-89	36,612	17,623	656
1989-90	37,848	17,739	652
1990-91	37,792	18,634	681

White Oak Holds Dairy Meeting

MT JOY (Lancaster Co.)—The annual dairy seminar sponsored by White Oak Mills drew a room full of farmers to hear various topics related to feeding and managing the dairy herd.

"Getting a cow ready for lactation is like running a marathon," said Dr. Ned Moser, DVM consultant for White Oak. "The marython starts when she drops the calf, but what about the training period. For the cow, the training period is the dry period. Unless you have a good dry cow program she will not be ready.

"If you ask someone who has just been walking around to suddenly race 26 miles, they will not get far. And the cow must also be properly prepared for lactation with a good dry cow program, Moser said. "Protein is offen deficient in the dry cow program. Many people will balance and rebalance their lactating rations but don't consider the dry cows."

Dr. Tom Sweeney, Church & Dwight, Inc., said the only way you can provide the energy that the high producing cow needs is to feed fat. "Cows in negative energy balance at the begining of their lactation need a lot of energy to produce milk, maintain body condition and be reproductively active, Sweeney said. "Traditionally you did not feed fat because it impaired the animals ability to be efficient. But the new product Megalac is totally inert in the rumun and thereby gives the dairymen the opportunity to provide the energy to his cows as needed."

Other speakers included Dr. James Aldrich, Carl S. Akey, Inc. on the subject: WCarbohydrate and Protein Nutrition of Dairy Cattle" and Don Lloyd and Jorge Estrada with the White Oak Mills products and services departments.

Lunch was served and products were exhibited here at the Country Table Restaurant.

At the White Oak dairy seminar are left to right, Don Bloyd, director, dairy department; Tom Sweeney, Church & Dwight, Inc.,; and John Wagner, president, White Oak.

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10th CRP Results Released

WASHINGTON, D.C. — Deputy Secretary of Agriculture Ann Veneman recently announced that producers signed contracts to place an additional 475,175 acres of land into the Conservation Reserve Program following the 10th CRP signup March 4-15.

All told, CRP contracts have now been entered for 34,397,740 acres.

The most recent addition of 475,175 acres were enrolled on 8,601 contracts which went into effect during the 1991 crop year.

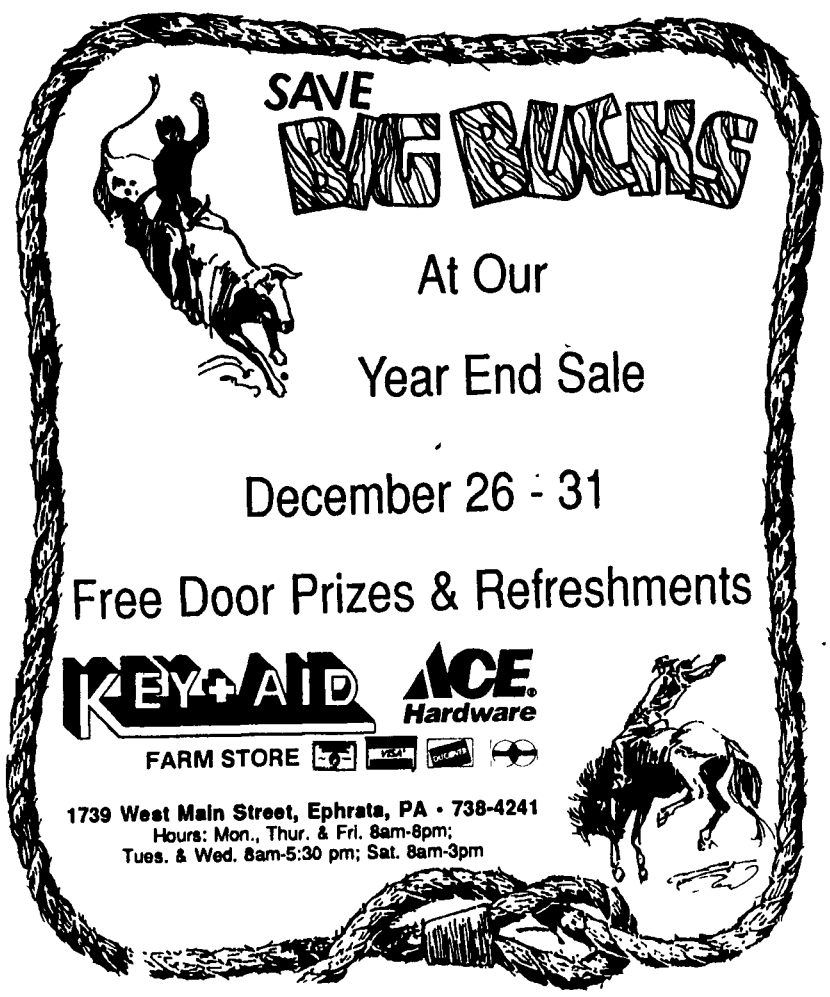
Data from the 11th CRP signup July 8-19 are not yet available. It has been reported that 1.12 million acres were tentatively accepted as a result of that signup.

Bids for the 12th CRP signup will be accepted by county offices of USDA'S Agricultural Stabilization and Conservation Service June 15-26, 1992.

Veneman said enrollment trends are shifting away from the Mountain and Great Plains States toward the Cornbelt and other states east of the Great Plains.

"Many changes have been made to the CRP since the 10th signup including land eligibility criteria and processes that affect payment rates," Veneman said. ~Because of these changes I strongly encourage those producers who earlier decided not to participate in the program to take another look at the CRP now."

In Pennsylvania, there were 367 bids, 60 contracts made on 1,952 acres, for an average rental price of $57.44 per acre. The annual rental payment for the Keystone state is $112,123. Nationally, for the 10th signup, the federal program will pay $25,499,546 a year to landowners.



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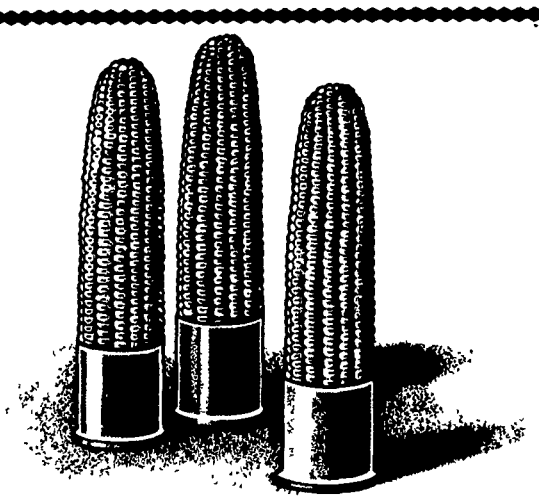

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Espendshade Family Work Together On Century Farm

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Lancaster Farming Staff

ELIZABETHTOWN (Lancaster Co.) — When Harvey Espenshade fingers the original deed to his 140-acre dairy farm, his face glows with the accomplishment of keeping the farm in the family for 124 years.

"But raising my family and seeing them take an interest in farming gives me even more satisfaction," Espenshade said. "I hope the farm can stay in the family and be profitable for another 124 years."

If the Espendshade children are any indication of the farm's future, it looks promising.

The children, Matt, 18; Amy, 15; and Becky, 13; appear to be as enthusiastic about farming as their dad.

"I don't push them into farming. I just give them a strong influence," Espenshade said. "I try to teach them the heritage of farm life and to build an interest for agriculture in them."

Espenshade's wife, Susan, came from the city and is a registered nurse supervisor at Hershey Medical Center. She had no trouble adapting to rural living. From the beginning, she liked the spaciousness and the seclusion of the Elizabethtown farm. But she did voice concern when the children started bringing home schoolwork. How would they be able to work in the barn for three hours and do their homework?

She need not have worried. Each of the children is an honor roll student and responsible for completing daily farm chores, which includes evening milking.

Now, that the children are teenagers, they share their dad's dream to keep the farm in the family for future generations.

Espenshade has traced the farm's history to 1793. In 1856 the farm was divided to it's current size and sold for $5,000. In 1857, the brick farmhouse in which the Espenshades live was built.

The original home, a sandstone springhouse, still stands on the property. Espenshade does not know how old it is but the style is similar to the Hans Herr House, the oldest Lancaster County house.

The springhouse has a bake house with a beehive oven and a smoke house attached to it. A spring runs underneath the building that still contains the iron kettles that were used to make lard and meat puddings.

During past generations, the springhouse has been used for butchering, stripping tobacco, and storage. Now the family is restoring the springhouse. Espenshade has taught himself to repoint stones and the sandstones now have a lovely sheen. Wood that has deterioted has been replaced.

While the springhouse is being restored to its former state, the farm itself is kept up to date.

"It's an ongoing process to update things on the farm," Espenshade said.

The farm was more of a general farm until Espenshade married and decided to specialize in dairy. He put in a free-stall barn and silo. The free-stall setup works well with using a stanchion barn with lever stanchions for a milking parlor.

"It's a simple arrangement. We change three times during milking," Espendshade said.

The cows are put out to pasture throughout the year.The family raises their own replacement cows.

According to Espenshade, he was one of the first county dairy farms to install a computerized feeding system in 1983.

As a member of Pennsylvania Farmers Association and the Holstein Association, Espenshade likes to discuss ideas for best utilizing resources.

In crops, he is always looking for ways to cut costs and increase margin profit.

"I don't always go for the top yield," he said. "I make use of the manure we have on the farm."

The manure from the farm is a bit different than from most other farms because limestone dust is used as bedding.

"Stone dust is an inorganic matter that holds down bacteria," he said."

Espenshade, who does his own soil testing, said, "I saw the ph levels coming up for several years, but at first I didn't realize what was happening. I found that after six or seven years of using limestone dust for bedding that no lime is required on the acreage."

Espenshade is careful to rotate the corn and alfalfa and to keep fertilzers at a minimum so that the soil does not become overloaded with nutrients.

Limestone dusts costs $3.25 a ton and about 60 tons are needed annually. In addition to the nutrient benefits to the manure, another advantage is that stone dust dries after it gets wet unlike sawdust, straw or newspaper beddings.

In 1986, Espenshade signed up to be part of the Cheseapeake Bay Project but has dropped out because "there are too many strings attached," he said.

That doesn't mean he has stopped his conservation practices, on the contrary, he is doing the work himself. To get government cost sharing, he would need to hire a contractor.

"It would cost the government and me more money to get the same job done," Espenshade said. "I have to ask is it justifiable to ask the government to pay when they got enough debt already?"

Another concern of Espenshade's is the milk prices. "Something must be done. We can't continue this way," he said. "No industry outside of farming take prices like that."

He finds it frustrating that consumer milk prices don't drop. "We can't hold down what the producer gets paid without holding down the whole way along the line," he said.

"We (farmers) have been great in increasing production by using hybrid seeds and genetic cattle, but we never learned to increase marketing," he said. "We (farmers) need to do it instead of depending on the government," he said. "We need to take responsibility to move our own product. IBM doesn't wait for the government to look for a market. There are lots of people starving and we can't supply them because the government doesn't like their political system," he said.

In addition to preserving the nutrient value of the land, Espenshade's philosophy has always been not to loan money that would jeopardize the farmland.

"We don't have any debt against the land," he said. "I think it is possible to make a decent living farming. "If we can't afford it, we don't get it."

Although Esbenshade tells his children, "You don't need a herd of cows to do something in agriculture," the siblings derive a lot of pleasure from milking 55 Holsteins.

"We like milking because that's the only chance we get to see each other and find out what's happening," Matt said.

It's also a time for the siblings to carry out "scientific experiments" such as determining whether the herd prefers rock, country, classical or no music.

Depending on who is in charge of milking, the cows are exposed to the diversified musical interests of the family.

Amy, who said she was in charge of the scientific experience, claims the cows prefer rock music. Country music scored lowest.

Under the good-natured teasing of her family, Amy admitted that the experience is a bit difficult to substantiate scientifically because differences in weather cannot be controlled.

In addition to milking, the siblings also care for replacements, and help with the corn and hay grown on the farm's 140 acres plus the additional 120 acres the family rents.

If one of the siblings wants to participate in a school or church activity, it's each one's responsibility, not the parents', to get someone to cover for him or her.

The siblings don't complain about the daily chores "because we get a paycheck," Becky said. "So we don't need to ask our parents for money."

Matt, who is a freshman at Penn State York majoring in dairy science, admittedly went through a stage in high school where he looked with envy at his friends who could goof off after school instead of doing barn chores.

"But now I see that most of those kids got in trouble with the law," Matt said. "And I've learned a lot working on the farm."

Matt earned Greenhand and Chapter Degrees in FFA. Two years ago, he placed first in the state and third in the northeast regional proficiency award for animal production. Last year, he won the DeKalb award for being the most outstanding agricultural senior in the Elizabethtown FFA.

His sister Amy is also active in FFA. Last year, she was chapter reporter, earned the Greenhand award, placed eighth in the state meat judging contest, and this year is secretary. She drives skid loader for the pond project that the FFA is building for the school.

Espenshade likes to compare the FFA program that he had when in high school with that of his children.

"It was almost dead when I was in high school," he said. "Now the whole ag program has been revamped.

In addition to putting in a pond on school grounds, the FFA is making a wildlife area complete with trails, feeders, and observations decks under the direction of Al Martin, FFA advisor.

Another interesting FFA project for Amy is growing tomato seeds that were in space for six years. "We compare the space-seeds with regular tomato seeds to see if there are any differences," Amy said.

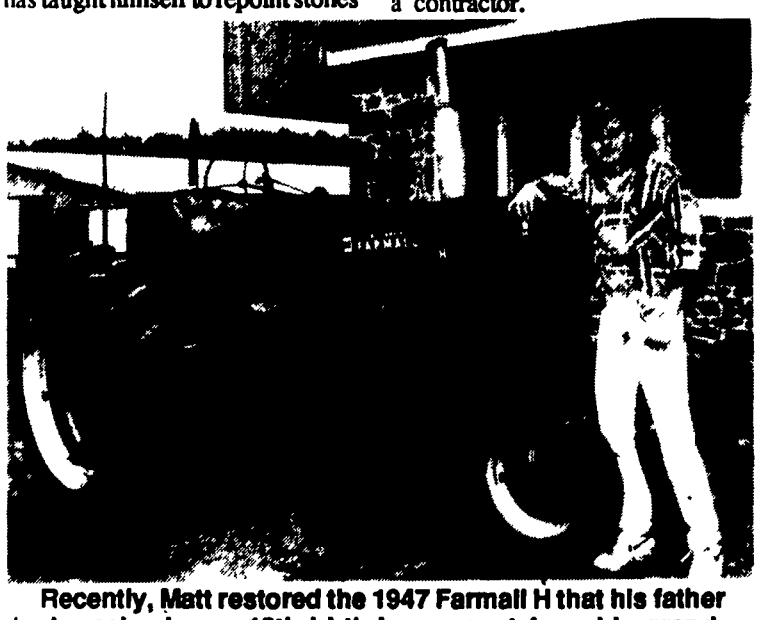
The FFA aquatics program is raising tilapida fish in the greenhouse. "At the end of the year, we (FFA students) will have a fish fry for the faculty," Amy said.

The teenagers are active in the Elizabethtown Brethren In Christ Youth Group.

By tradition, the farm is handed down to the eldest son in each generation. Matt is preparing for that day by majoring in dairy science. The close camaraderie between the siblings is evident as they discuss future careers. Amy, who plans to be a vet, promises her brother that she will do his vet work in exchange for free milk. Becky is eyeing a career in law, she said, so that she can make enough money to make sure the farm stays in the family.

Becky takes a break from her job as official "hay thrower."

Amy, who is in charge of feeding the calves, is enthusiastic about farm life.



Recently, Matt restored the 1947 Farmall H that his father had received as a 16th birthday present from his grandfather. "It was pretty rusted, but I always liked it. It was the tractor I learned to drive first," Matt said. The tractor is still used for farm work, but Matt admits that he hates seeing it get dusty from use.

Product Suppresses Ammonia

LITTLE ROCK, Ark. — Ammonia Hold, Inc. has released a product tailored to suppress ammonia prevalent in bird and livestock facilities.

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For more information, contact Ammonia Hold, Inc., P. O. Box 25403, Little Rock, AR 72221. (501) 221-0613. The product is marketed by HHC, Ltd., Williamsport, PA 17701, (800) 326-9541.

Grange Wants Pest Control Tax Exemption

HARRISBURG (Dauphin Co.) — Farmers are once again caught in the middle, according to the legislative director of the Pennsylvania State Grange.

This time it is the unfair taxation of pest-control services used by farmers which was not the initial intent of the record $3.3 billion tax increase approved by legislators in August.

The Pennsylvania House and Senate have been debating about eliminating the 6 percent sales tax on certain consumer items including pest-control services for farming.

Grange Legislative Director Brenda Shambaugh said the original legislation was meant to tax pesticide use in lawn care service. But after it was passed, the language was read on broader terms which encompassed farmers' use of pest-control services.

This tax has been repealed in the House and Senate and is going back to the House to concur with Senate amendments before going to the governor.

"The Grange urges our legislators to keep the agricultural exemption in these amendments and encourages them to move the legislation through quickly so farmers are not financially burdened any further," Shambaugh said.

"The 6 percent sales tax would not send a family farm into financial ruin, but when combined with all the other taxes and permit fees of farmers, it adds another burden to the people who are the backbone of the Pennsylvania economy."

The Pennsylvania State Grange represents over 35,000 people. Originally organized as the first family farm fraternity, the Grange today takes an interest in all areas of rural living including health care.

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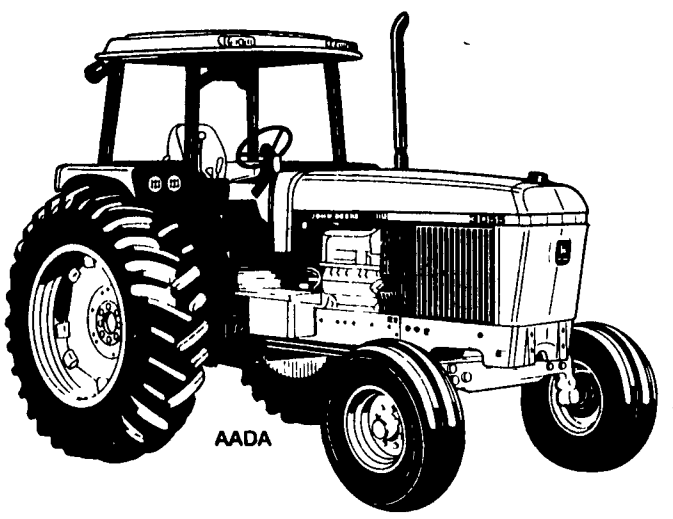

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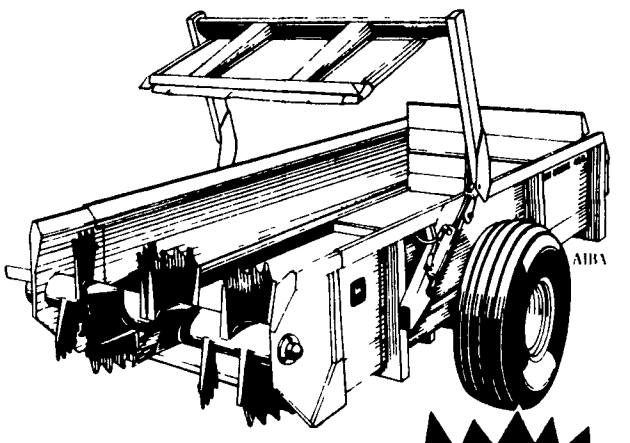

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Irrigation Conference A Success

ARLINGTON, Va. — Approximately 3,500 people attended the 1991 Irrigation Association (IA) Expo and Technical Conference, which was held at the Convention Center in San Antonio, Texas recently.

The expo, which featured 420 booths and 240 exhibiting companies, is the only international exposition which is devoted exclusively to irrigation products and services.

Irrigation experts from industry, government, and academia presented the latest findings of water management research and other topics of concern to the irrigation professional in 30 different technical sessions which were held throughout the four-day event.

Featured speakers included Bill Smith, vice president and senior quality assurance manager for Motorola's Land Mobile Products sector; Dr. Don Rice, director of the Thomas A. Read Center for Distribution Research and coordinator for the industrial distribution program at Texas A & M University; David S. Hefter, manager of economic studies for DuPont in Wilmington, Del.; and Dev Ogle, a noted motivational speaker from California.

During the association's annual banquet and awards presentation, Dr. E. Dale Threadgill, professor and chairman of the division of biological and agricultural engineering, University of Georgia, was presented the Irrigation Association's 1991 Person of the Year Award. Phil Tropeano, president and founder of Larchmont Engineering and Irrigation, Co., was presented the association's 1991 Industry Achievement Award for contributions to the development of the irrigation industry and its products. Len Ring, president of Ring Irrigation Engineering in Alberta, Canada, was given the industry's prestigious Crawford Reid Memorial Award for promoting the use of proper irrigation procedures and for work which has resulted in major achievements in irrigation outside the United States.

Susquehanna DHIA Completes 66 Years Testing

MONTROSE (Susquehanna Co.) — The Susquehanna County Dairy Herd Improvement Association (DHIA) completed its 66th year of milk testing on Sept. 30, with 122 whole year herds and seven owner-sampler herds.

During 1991, 6,872 cows were on test in the county, producing an average of 17,228 pounds of milk, 624 pounds of fat and 548 pounds of protein per cow, according to Nick Place, Susquehanna County extension agent.

The Susquehanna County DHIA held its annual meeting on Nov. 8, at Dreyer Hall of Montrose Bible Conference with 100 members and guests present.

Bill Goff presided. After a turkey dinnèr, a brief business meeting was conducted along with an election of directors.

The new directors elected for three-year terms were: Mark Sartell, Robert Fearnley and Walter Brooks. Other directors are Ken Teel, John Onyon, Lome Clarke, Dave Bailey, Mark Pease, William Goff and John Castrogiovanni (state director).

Mrs. Dawn Fearnley serves as the secretary-treasurer.

A regional manager's report was given by Diane McIlwain. John Castrogiovanni and Jim Garrety (Pa.DHIA) talked about the centralization of Pa.DHIA.

Dave Castrogiovanni also presented a talk on the county's top cows. Susan Jayne, Susquehanna County dairy princess, also gave a talk on milk promotion.

Awards were presented after the business meeting. The award for the county's top supervisor went again to Gary Davies. Gary does an excellent job and has won this award for the past several years.

The top herd in milk, fat and protein production was Tom Traver of Meshoppen, with a record of 26,094 pounds milk, 981 pounds fat and 827 pounds of protein per cow.

Tom was also in the top 10 in Pennsylvania.

Other dairyman with herds in excess of 700 pounds butterfat per cow were: Thomas Traver 981 pounds, Charles Clark 850 pounds, Andrew Hubal 828 pounds, Francis Hibbard & Sons 825 pounds, Daryl Button 804 pounds, Ruth Vandermark & Son 804 pounds, Pease Farms 794 pounds, Country Heaven Farms 778 pounds, Longacre Farm 777 pounds, John Castrogiovanni 771 pounds, C & C Farms 759 pounds, John Valentine 755 pounds, Coleman Crest 749 pounds, David & Marlene Bailey 743 pounds, R M Shipsky & Sons 731 pounds, Lymanstead Farm 725 pounds, Joseph Pavelski 720 pounds, Lynn Stark 701 pounds, Jim Greenwood 700 pounds.

Dairyrmen with herds over 600 pounds protein per cow included: Thomas Traver 827 pounds, Charles Clark 821 pounds, Daryl Button 727 pounds, Country Heaven Farms 709 pounds, Andrew Hubal 705 pounds, John Castrogiovanni 693 pounds, Pease Farms 683 pounds, Francis Hibbard & Sons 681 pounds, C & C Farms 675 pounds, Coleman Crest 674 pounds, Longacre Farm 659 pounds, John Valentine 655 pounds, Ruth Vandermark & Son 643 pounds, R M Shipsky & Sons 642 pounds, Joseph Pavelski 639 pounds, Reuben Everitt 633 pounds, David & Marlene Bailey 633 pounds, Elmer Hoover 630 pounds, Harvatine Farms 625 pounds, Jim Greenwood 624 pounds, Lynn Stark 623 pounds, Richard Klim 622 pounds, Mark Wilmot 621 pounds, Lyn Forkal 619 pounds, Robert Fearnley 617 pounds, John Benscoter 617 pounds, Willye Holsteins 614 pounds, David Grosvenor 612 pounds, Lymanstead Farm 612 pounds, John S Cron 611 pounds, Robert Johnson 604 pounds, Robert & Barbara Frechen 603 pounds.

The cow with the highest milk and protein production was "Yavone" owned by Charlie Clark of Springville. She produced in 305 days 37,999 pounds milk, 1164 pounds fat and 1203 pounds of protein. The high cow for fat is "Red" owned by Tom Traver, she produced 1270 pounds fat with 30,116 pounds milk and 934 pounds of protein in 305 days.

Herd improvement awards were presented to: Dick Naylor who's herd increased from 460 to 614 pounds of fat; Hunsinger Farms who increased from 502 to 652 pounds of fat and also to Tom Traver who increased from 799 to 981 pounds of fat during the year. The largest milk pounds increase was by Fay Palmer who's herd increased by 61~1 pounds of mi k Chariie Clark also showed an increase of 6089 pounds of milk for the year.

The high quality milk award was presented to Empet Farms, Kingsley. The award is presented to the herd with the lowest aver~ge somatic cell count for the testing year. Their average SCC this year was 77,000 and this herd also won first place honors in the state last year for the lowest SCC. Other herds with somatic cell counts below 200,000 were: Robert Johnson, Hunsinger Farm, William and Elaine Wood, William and Evenly Goff, David and Marlene Bailey, Rosser Bros., Roderick Grosvenor, Daryl Button, Levi Ransom, Richard Himko, Dan Bonham, Mark Sartell, Reuben Everitt, Longacre Farm, Jo Am San Dairy, Jeff Bechtel, Lymanstead Farm, and Lynn Stark.

DHI supervisors employed by the association are: Gary Davies, Meshoppen; Cherie Bonavita, Meshoppen; Kelly Gustin, Meshoppen; Kevin and Val Strickland, Montrose; Gary and Gale Williams, Starucca; and Scott Williams, Starucca.

For more information on the program offered by the Susquehanna County DHIA, contact any of the above mentioned supervisors, or the Susquehanna County Cooperative Extension Office, County Office Building, Montrose, (717) 278-1158.

Rep. Arnold Speaks Up For PMMB

HARRISBURG (Dauphin Co.) — In a letter to Gov. Casey, state Rep. Ed Arnold, D-Lebanon/Lancaster, called for the return of $690,000 to the budget of the state's Milk Marketing Board.

Gov. Casey recently placed the money, the majority of the board's $950,000 budget, into reserve in an effort to place certain funding allocations -- many affecting the agriculture community -- for use at a later date if the economy does not improve and the state experiences General Fund shortages.

"Dairy farming is vital, not only to the residents of Lebanon and Lancaster Counties, but for the economy of our Commonwealth," said Arnold in the letter. "All of the board's money is important if it is to fulfill its mission of protecting and securing financial stability for dairy farmers."

Arnold was the prime sponsor of legislation setting the board's budget.

"By placing the majority of the board's budget in reserve, the governor has crippled its ability to hire new employees and equipment needed to carry out the duties that so many dairy farmers rely upon," added Arnold. "In allowing the board to use only $260,000 in the next fiscal year, the governor has severely limited their ability to do their job."

The legislator also suggested personally meeting with the governor to discuss this issue.

The Milk Marketing Board is responsible for setting minimum pices for milk as a way to help farmers recover their production costs. The board also administers the insurance program to protect farmers when a dairy goes out of business without paying the farmers for their milk. The board also audits records and makes spot inspections to ensure that farmers are being paid for the quality and quantity of milk produced.

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Farm Forum

(Continued from Page A10)

Most of us do not consider ourselves as true farmers, because we also have little land and do not grow our own crops. One or two acres and four or five goats is common.

It has been estimated that fewer than 1 percent of us have goats as a sole source of income. The rest of us work outside the home, and consider the goats to be a second, part-time job.

The majority of us do not consider ourselves as hobbyists, however, because of the lifestyle commitment that is required when one owns dairy animals of any kind.

It is true that there are many goat owners who have them just for pets or show, but these are not the people that are involved in DHIA. The dairy goat breeder gets up early every day, year in and year out in order to milk twice a day, Christmas morning as well as the days when we have the flu.

Just like you.

We can't take vacations or a day off.

Just like you.

We miss out on fun in favor of being there to milk or when they kid or when one is sick.

Just like you.

We do a quick artificial insemination between Thanksgiving dinner and desert. We have no artificial insemination technician services for our animals, and have to learn to do it ourselves.

We drive through ice and snow to breed a doe that picked the worst day in the year to go into heat. Because goats are seasonal breeders, we often cannot afford to wait to see when she will come into heat again.

We may be amateur farmers, but we are professional dairy breeders. We work hard but we love our work. Just like you. We get just as tired and dirty mucking out our barns as you do.

Sometimes our work is actually harder, because our small herd size requires that we do virtually everything by hand. Nearly all of us milk by hand, because we have too few milkers to make the milk machine purchase practical. Many goat breeders don't even own a tractor.

All this doesn't mean that we aren't dairymen, we are just a different kind of dairymen.

Besides farm size, the most apparent difference between a goat and a cow dairyman is that we perhaps tend to form a more personal relationship with our goats, because we have so few and they are such affectionate characters.

Why do we raise goats? For the same reason you raise cows. For the milk. Many breeders are allergic to cow's milk, and this is the only practical way to have a consistant supply of milk.

Many goat breeders would like to live on a farm, but have no experience and so have started small. Many do not come from a rural background and know it would be crazy to try to dive into full-time farming.

The turnover is rather high in the goat world as it is, because of the tremendous commitment.

Most goat breeders eventually have some other livestock as well, as a homesteading operation or to market the surplus milk.

Many live on a piece of land that is too small to farm, and lack the funds to invest in a full-sized operation. Some are subsistence farmers, and goats are the least expensive dairy animal. There are many breeders who simply prefer raising goats for the same reason that some farmers raise corn and some raise beef cattle — just because.

What is important for the cow dairyman to keep in mind is that we are not in competition with you. We fill a different niche in the agricultural world.

Our customers are different, being mostly people who cannot or will not drink cow's milk, health food enthusiasts, orphan animals, dog breeders, or people with digestive problems.

Our small size is an advantage, as we have a personal contact with our customers, and can work out the inconvenience of the shortage of winter milk directly with them (our milkers are by nature seasonal breeders). This all simply means that we are just different than you, not any less serious about what we do.

Why are we on DHIA test? For exactly the same reasons you are. There is no better way for us to prove the production of our milkers, to improve their production, to prove sires, to compare our progress, to assess our management, etc.

Although most of us are too small to afford the minimum herd fee to be tested by a supervisor, we are fortunate to be able to circle test. Three or more herds work as a group to weigh and sample each other's herds monthly, under the supervision of a DHIA supervisor and only after training by DHIA.

We follow all the same rules that you do. In fact most of us are somewhat fanatical about following the rules, because we know how fortunate we are to be able to belong to the DHIA system. DHIA is important to us and we respect it's rules and regulations.

Because we constitute a small part of the DHIA system and have different needs, however, there are some differences in our membership.

Our records are not published along with yours, as for example, here in *Lancaster Farming*. You may have noticed that the recently published annual year end DHIA summary did not include dairy goat DHIA records.

In fact, the one and only access we have to compare our herds with other goat herds is the list of our records that is printed in the Pennsylvania Dairyman's Association yearbook which we have to pay for, and that has been omitted several times in recent years.

Until last year, our top herds received no recognition, and still receive no recognition from the state. We even have had several PA goats that were Top Ten (the ten highest production goats of each breed in the country), that received nothing honoring that achievement from the state or county DHIA.

We do not receive goat appropriate information, but have to translate breeding dates and so forth into cow numbers. We do not regularly receive doe index information, but have to write to our American Dairy Goat Association for such information. Sire information is missing from our animals' life history sheets. We even have to put up with the mildly insulting terms "billy" and "nanny" (similar to calling horses "nags" or cows "bossie") even from the USDA!

We have a serious problem meeting the milk sales laws, because few of us are large enough to have separate milk houses. It has been known to have a herd fail to get a licence only because the milk handling room opened on the kitchen instead of the barn!

We really have tried not to complain too much about these things, because they aren't nearly as important as the information that we do get from DHIA and from dairy cattle farmers.

We aren't asking for unreasonable services or special attention.

All we ask is a minimal amount of courtesy, a chance to learn, and a little understanding.

It is no easier to manage a 120-pound goat as she produces 4,000 pounds of milk, or to maintain a 2,500-pound RHA than it is for you to produce a top herd.

Please try to think of us as your fellow dairymen. We can learn a great deal from you about managing our animals.

Perhaps, some day someone you love may have a baby that can't tolerate any formula milk and we can return the favor.

Thank you for "listening".

Lorraine I. Yankovich
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Vicon Appoints Distributors

MEMPHIS, Tenn. — Vicon has regionalized its North American distribution network with the appointment of 10 major farm equipment distributors serving key agricultural markets in the United States and Canada.

In the northeastern U.S., Cummings & Bricker Inc. of Carlisle, Pennsylvania and Batavia, New York, who have been a Deutz-Fahr distributor for more than 15 years, will expand their Deutz-Fahr haytool range with the Vicon product lines, including disc mowers, mower conditioners, fertilizer spreaders, and fingerwheel rakes.

The appointment follows a recent restructuring of the company's North American operations and will assure continuing parts, warranty, service, and technical support for Vicon's diversified line of hay equipment and fertilizer spreaders.

Vicon is an affiliate of Greenland, a worldwide agricultural equipment manufacturer headquartered in the Netherlands.

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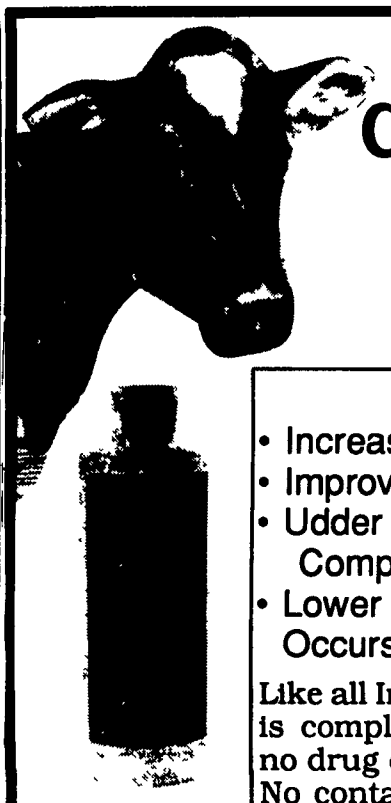

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NMPF Young Cooperators Meet

(Continued from Page A1)

future for the dairy industry. The YC program gives young cooperators the opportunity to become informed. The YC'ers are the people who make local communities and the dairy industry great.

"Leadership of the dairy industry passes from generation to generation. Be as knowledgeable and prepared as possible in this rapidly changing world," said President Camerlo. "You are the elite of the dairy industry, the cream of the crop. It's up to you to lead the dairy industry into the 1990's."

The YC's were given a brief history of NMPF and its operations. NMPF is a national trade association with a unified voice representing dairy cooperatives across the country and playing a major role in shaping national dairy policy.

Ingredients of NMPF functioning are dairy farmers; 42 milk marketing cooperatives that market a total of 83 billion pounds of milk annually; delegates who represent cooperatives at NMPF meetings and ratify NMPF policy; board of directors who are made up of 75% farmers and 25% cooperative management staff; executive committee that determines policy; working committees who study and evaluate issues and make recommendations; and NMPF staff broken down into legislative, regulatory, policy analysis and member services.

Don Berg, vice president, milk procurement division, Land O'Lakes Inc., told the YC's that how we deal with change is critical to our long-term welfare and that effective communication is essential in successful farm and life management.

"Farming is our business and requires a lot of attention. Living is our life," he said.

George Franklin, vice president of public affairs for the Kellogg Company, joined the YC's to share his experience with constraints of forming public policy. His experience with the Raisin Wars - a struggle to allow Raisin Bran cereal to be purchased for the Women Infants and Children (WIC) program — has been very challenging over the last year, he said.

Due to the naturally occurring sugar content in raisins, the total sugar content in Raisin Bran rises above the USDA's requirement for the WIC program, yet USDA urges participants to eat fruit with their cereal.

He pointed out that when working on public policy, it is hard to fight interest groups and warned not to be misled by the strength of their arguments. "Pull your facts together, confront them and hope they prevail," advised Franklin.

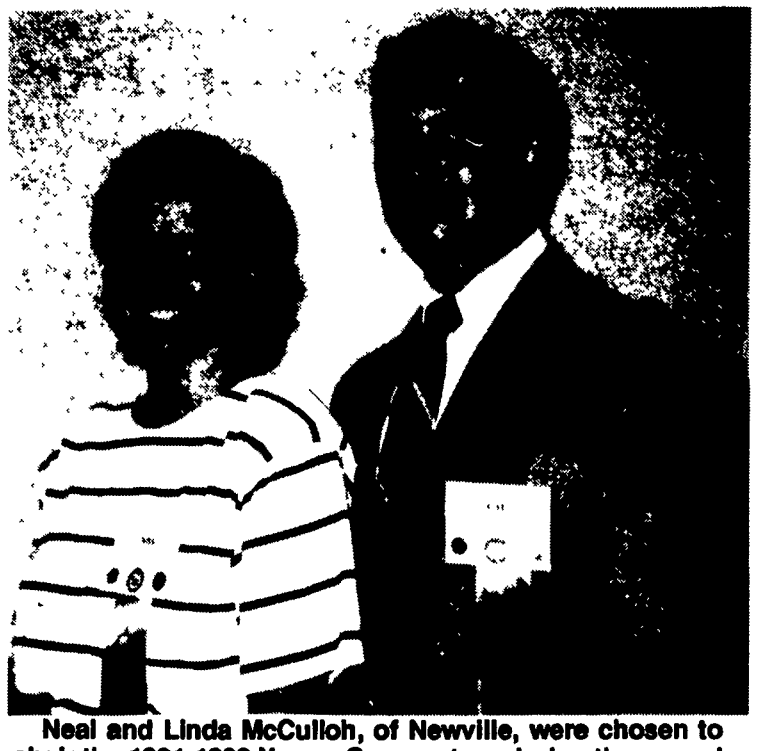
The YC participants had the opportunity to try their hands at developing public policy, working with the frustrations of democracy. In several groups they served as a mock executive committee of NMPF. Each participant was to present their cooperative's viewpoint and take into account all of the policy constraints associated with their assigned issue and then decide on a policy position for NMPF. The topics ranged from supply management, BST to animal rights.

After an hour-long discussion on the issues, each group presented their policy position to the entire YC group.

"The exercise emphasizes how difficult a process becomes when everyone has a vested point of view," said Bill Perry, of Milk Marketing Inc. "It is important to understand that democracy is a participatory process - If you don't present your problems they don't get noticed." YC'ers commented they began to realize the give and take that is necessary. Everyone needs to compromise to gain something in everyone's best interest. They found it hard to get a consensus from different parts of the country because everyone has their own ideas and opinions.

Neal and Linda McCulloh, from Newville, were chosen the new 1991-1992 Young Cooperators Chair Couple. They have four children; Betsy, 9, Joshua, 7, Katie, 6, and Nate, 3. They operate a 285-acre dairy farm in partnership with Neal's brother called Highland Vue Farm. They have 75 Holstein cows and 75 heifers, and raise 100 percent of their forage and 87 percent of their concentrate needs. They said they look forward to serving this coming year.

Dale Van Horn, the author of the song, "What a Difference You Make in My Life," used his song for a presentation at the YC Showcase Luncheon.



Neal and Linda McCulloh, of Newville, were chosen to chair the 1991-1992 Young Cooperators during the annual meeting of the National Milk Producers Federation.

Van Horn has overcome the handicap of blindness and succeeded in the worlds of music, broadcasting and producing commercials, owning his own company.

He combined humor, music and personal stories to convey the importance of maintaining a positive attitude to make full use of your gifts.

"Everyone makes a difference in life," he said, "but it is up to each of us to determine if it is going to be positive, negative or worse of all, indifferent."

Van Horn said key individuals in his life made a profound impact.

"We're all most richly blessed. We all can make a difference in the lives of the people we come in contact with."

Van Horn has written songs for the popular NBC-TV show "Family Ties" and his Grammy winning song "What a Difference You Made In My Life" for Ronnie Milsap. His voice can be heard on more than 750 radio and television stations across America doing "voice-overs."

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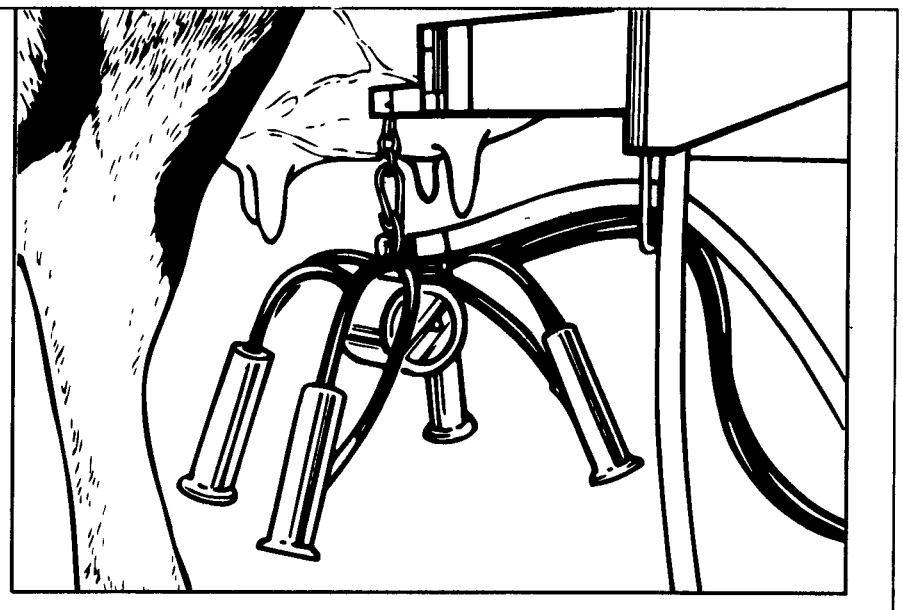

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Research: Listeria May Still Be A Problem

UNIVERSITY PARK (Centre Co.) — A Penn State researcher investigating Listeria monocytogenes, a potentially fatal microorganism in milk, has found the bacterium is more heat resistant than previously believed.

"Because Listeria can be present in raw milk and other raw foods, it must be destroyed by pasteurization and other heating processes," said Dr. Stephen Knabel, an assistant professor of food science in Penn State's College of Agricultural Sciences. "If the organism survives and grows in food, it can cause anything from mild, flu-like symptoms to extremely dangerous bacterial infections such as meningitis."

Fortunately, few people get listeriosis, but for those who do, the mortality rate is alarmingly high — about 30 percent. Groups most at risk are the elderly, infants less than one year old and those whose immune systems have been compromised, such as cancer and AIDS patients. If a pregnant woman contracts listeriosis, spontaneous abortion, still birth or early infant death often results.

Listeria is present — usually at very low levels — in approximately 3 percent of all raw milk. The minimum pasteurization process, which heats milk at 71.7 degrees C (161°F) for 15 seconds, probably is sufficient to destroy these low levels of the bacteria.

"But unlike most foodborne pathogens, listeria can grow slowly in refrigerated milk," said Knabel. "Therefore, more research is needed to make absolutely sure that pasteurization kills all of these potentially lethal microorganisms."

In earlier studies investigating the heat resistance of listeria, some researchers heated the bacteria, put them in aerobic (oxygen-containing) culture media and recorded their recovery.

"But the problem with that method was that some of the organisms didn't die directly from the heat, but from oxygen present in the media," said Knabel. "Therefore, injured, but still living listeria, weren't being detected."

To more accurately measure how listeria can recover from heat stress, Knabel first heated the bacteria in a process that approximates pasteurization, then recovered the bacteria in an oxygen-free culture medium.

"We've found that if you remove all the oxygen from the medium, the bacteria are much more likely to recover and grow. The big question now is whether injured listeria can recover in foods as well as the culture media."

In the next phase of his research, Knabel plans to look at the effect packaging materials and spoilage bacteria have on listeria's ability to recover from heat injury.

"Oxygen slowly kills heat-injured listeria, but oxygen in milk could be used up by spoilage bacteria before all listeria are dead. This might create a favorable environment for the recovery and growth of listeria," said Knabel.

"Also, certain types of containers, such as plastic and glass, tend to exclude oxygen, which might further aid the recovery of heat-injured listeria."

Milk is a very favorable growth medium for bacteria that often contaminate dairy products after pasteurization. Knabel warned consumers that the longer milk is left on the table, the more chance bacteria can grow rapidly and spoil the milk or make it dangerous to drink.

"To avoid problems, you should refrigerate milk immediately," he said. "Don't let it sit more than two hours total in the danger zone of 40 to 140 degrees. This is especially important on hot days, because bacteria grow very rapidly in warm milk."

Those who most often subject milk to temperature abuse can least afford to take the risk, said Knabel. "Parents should discard any milk sitting out in baby bottles after two hours. Infants quickly can become ill from the high bacteria counts in milk."

Knabel's research is funded by a special USDA grant on milk safety. Seven other researchers in Penn State's College of Agricultural Sciences also received funding to investigate the microbial safety of milk and dairy products.

Quality Haylage Creates Milking Improvement

SHIPPENSBURG (Cumberland Co.) — Over and over again, forage experts declare that quality rules.

In the case of the dairy partnership of Kevin Hurst and Wayne Hall, selecting quality forages and good haylage has meant a Pa.DHIA herd ranking improvement. The herd came in third place in the Holstein category.

The partnership, formed in 1990, encompasses 180 acres. Hurst and Hall manage about 75 milking head and 55 replacement calves. Milking is from a comfort stall barn to milking pipeline.

The cows are taking the new housing system a little better, according to Kevin. "I've learned a lot from Wayne regarding farm management," he said. "He's good at feeding cattle."

The cows are fed a combination of corn, silage, haylage, and baled hay, with feed purchased from Sollenberger Silo, a local feed company.

The partnership farms about 85 acres of corn and hay and about 10 acres of wheat for a cash crop.

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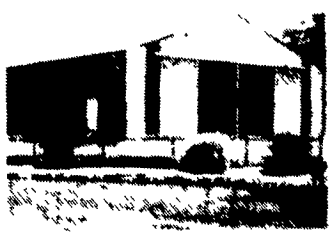

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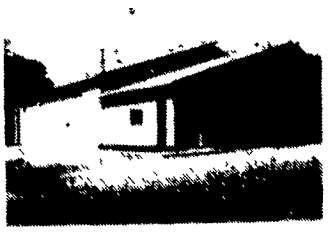
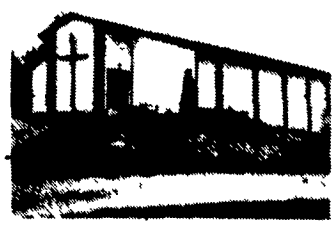


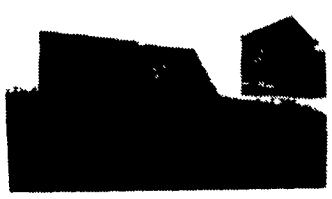


Adaptability

Durability -

Economy

❖ LIGHT INDUSTRIAL/COMMERCIAL BUILDINGS



State Museum Seeks Agnes Photos

HARRISBURG (Dauphin Co.) — The State Museum of Pennsylvania is seeking photographs which document the effects of 1972's Hurricane Agnes as part of a 20th anniversary exhibition planned for 1992.

Acting in cooperation with the Hershey Museum and the Wyoming Historical and Geological Society in Wilkes-Barre, the state museum, located near the Capital Building in Harrisburg, is working to collect information on the devastation caused by the storm.

"If you have photographs taken at that time, which show any storm-related subjects such as landmarks under water, people traveling by boat, the massive clean up efforts or families coping with the situation, please contact the State Museum," said Susan Cohen, spokesperson for the museum, in a news release.

According to the release, photographs chosen for the exhibit are to be shown in an enlarged format, with credit given to the photographer. Also, all original photographs will be returned to the owner.

For more information, call Sarah Weatherwax at the State Museum, (717) 783-4558.

Manure Storage Study Finds Farmers Risk Safety

(Continued from Page A1)

aid of the Ag Advistory Committee to the Department of Environmental Resources (DER), the SCS compiled a list of 125 farms. SCS engineers, along with representatives of the conservation districts, interviewed a total of 99 farm managers about the installation, use, and management of the facilities.

If used as a report card for the integrity of manure storage construction, the 99 farms passed the test. Only a few had minor problems with the structure or design integrity.

But on the safety factors, farmers at best scored a "F" — failing to make the grade and, in many cases, literally threatening their lives and the lives of those who work on their farm.

Warrant investigation

Safety and management practices together had flaws serious enough to warrant investigation. (See "A Sad List of Failures," which accompanies this article.)

The experts interviewed by *Lancaster Farming* all agreed on one major factor — the farmer's failture to protect himself with a self-contained breathing apparatus (SCBA).

"I think the most striking thing to me was that over a third of the operators admitted to going down into a pit without protection," said William J. Bowers, state conservation engineer. "And if a third of them admitted it, probably half of them have done it. That's a real concern."

'I think the most striking thing to me was that over a third of the operators admitted to going down into a pit without protection. And if a third of them admitted it, probably half of them have done it. That's a real concern.'

Many farmers, because they are too busy during planting season, are pressed for time and don't take the necessary steps to ensure they protect themselves from the many dangerous and lethal gases contained in a manure structure.

Hurrying

Because of time and priority implications, farmers are "hurrying to get the work done," according to Robert J. Thompson, agricultural engineer with the Lebanon SCS office. In that county alone, about three farms provided data for the survey that went into the report.

Robert Thompson, ag engineer with the Lebanon SCS offices, compiled data on surveys undertaken on 99 Pennsylvania farms and recently published in "Pennsylvania Manure Storage Study." There were serious flaws in safety and management practices on many of the farms, according to the report.

Thompson said farmers must take time to look at their existing systems to make sure safety factors are in place. "I really don't think you can be too busy to make a safe situation," he said.

'I really don't think you can be too busy to make a safe situation.'

Thompson recalled the time that a Newmanstown dairy farmer, was busy scraping manure from a bunker area into a manure pit. The farmer and the tractor ended up in the pit, and the farmer drowned as a result.

If farmers would install safety gates and keep them adequately maintained, many farmers who died as a result of drowning in manure storage ponds or lagoons "might be alive today," said Thompson.

Tractors fallen

Thompson said that two farmers interviewed in the study admitted that tractors have fallen into manure storage pits. "It's amazing more farmers don't die with accidents like that."

"We really feel that, in order to have a safer facility, there ought to be fencing around it to keep animals out and to keep people from accidentally going into it, and warning signs as well," he said.

On a farm in north Iowa in 1985, a farmer and two sons were killed when a pump agitator clearing out a manure pit suddenly stopped. One son went down into the pit to try to unclog it — and was overcome by fumes. One by one, each tried to rescue the other, but none wore safety equipment to prevent them from being suffocated by the fumes.

Farmers can be quickly overcome and killed by gases such as highly toxic hydrogen sulfide (which killed members of the Iowa farm family), carbon dioxide, carbon monoxide, ammonia, and other gases.

Utmost concern

"Safety should be of utmost concern. It needs to be considered more when we're putting manure storages in," said Thompson.

(Turn to Page A38)

Frank Goodlander, Lewisberry, served on the Ag Advisory Committee to oversee the manure structure study. Farmers must take time to look into safety considerations of the manure structures, according to Goodlander.

A Sad List Of Failures

HARRISBURG (Dauphin Co.) — The Pennsylvania Manure Storage Study, released in October this year, revealed some surprising evidence — farmers do not take enough time ensuring that the manure storage structures and their operations are safe.

Some of the findings:

- 49 percent had inadequate or no safety fences to keep children or other people away.
- 51 percent had no safety gate or stop to prevent a tractor from falling over the push-off lip and into the storage. None had a depth staff or marker to indicate depth of fill.
- 36 percent of farms that had reception pits had people in the pits at least once without breathing apparatus.
- 34 percent were routinely filled above design depth.
- 22 percent had overtopped at least once.
- 33 percent with outside lots did not control barnyard runoff.
- 51 percent had never taken a nutrient sample of their manure.

In addition, many of the facilities were located close — within 100 feet — of a water source. Nine of the farms had a facility within 50 feet. "This means that proper maintenance is essential," according to William J. Bowers, state conservation engineer.

Penn State is working on developing signs that warn of the gases or the manure pit itself. But farmers must carefully evaluate safety and maintenance procedures with the facilities.

Stay Safe, Stay Alive

UNIVERSITY PARK (Centre Co.) — Farmers should take careful steps to ensure their safety when working near manure storage facilities.

Penn State extension safety specialists and SCS engineers working with the Pennsylvania Agricultural Safety Council recommend farmers do the following:

- *Never enter a pit without proper ventilation.* When going in, wear a self-contained breathing apparatus, as well as a safety harness attached to a rope attended by two people at the entrance to the pit. Attaching the safety rope to a winch or hoist is also recommended. ***Cartridge-type masks are not safe.***
- *Keep people and animals out of any building where manure is being agitated or emptied.* Provide strong mechanical ventilation during agitation and pumping and for a few hours after pumping has stopped. If an animal collapses during pit agitation, do not try to rescue it immediately. Turn off the pump and ventilate the building until the gases have had a chance to escape.
- *Never fill a manure pit completely,* but allow 1 to 2 feet of airspace to accommodate concentrations of gas. Lower the level of liquid manure in a storage facility before starting agitation to reduce the possibility of gas being forced above floor level.
- *Keep the agitator below the liquid surface,* because gas is released in greater volumes with vigorous surface agitation.
- *Forbid smoking, open flames, or spark-producing operations* in the immediate vicinity of the storage area.
- ***Keep all guards and safety shields in place on pumps, pump hoppers, tank wagons, and power units, and maintain electrical motors, fixtures, and wiring in good condition.***
- ***Do not leave temporary access ladders leaning against above-ground tanks.*** Permanent ladders on the outside of above-ground tanks should terminate above the reach of people or should have locked entry guards.
- *Do not walk, ride, or allow animals on the crust-like surface* of open-air storages. Like ice, the crust is not uniformly solid and can break through suddenly.
- *Warn visitors and guests of the hazards of manure storages.* You are legally responsible for their safety while they are on your property.

Manure storage facility warning signs are available from equipment suppliers or from the Pennsylvania Agricultural Safety Council, 204 Agricultural Engineering Building, University Park, PA 16802.

Emergency Procedures

Emergencies result from ignoring or not knowing the hazards of manure storages and the recommended safety practices. Generally, someone enters a pit without a self-contained breathing apparatus and passes out almost immediately from toxic gases or oxygen deficiency. The tragedy is often compounded when would-be rescuers — family, coworkers, or emergency personnel — panic and follow the first victim into the pit.

When someone collapses in a pit, gases are so concentrated that it is suicidal for anyone else to enter without a self-contained breathing apparatus. *The only reasonable immediate action is to ventilate the storage area and notify rescue personnel who can bring the proper equipment.* Barn fans and silo blowers may be activated to provide ventilation, but do not lower fans into the pit because of the possibility of a methane explosion.

In any rescue attempt, the rescuer should have a self-contained breathing apparatus and a safety harness with a lifeline. The lifeline should be attended by at least two people outside the storage unit. Rescuers should never place their own masks on a victim or remove their own lifelines. Ropes, carriers, and oxygen for victims can be lowered into the pit if necessary. Victims should be brought out as quickly as possible, administered 100 percent medical oxygen, and transported to an emergency room.

Type Information Released

MEHOOPANY, Pa. — Richard Witter, president of Taurus Service Inc. has released official Holstein Association Type Classification information on the entire group of registered Holstein Sires housed at the Taurus Service stud near Mehoopany.

A total of 23 Holstein bulls over 2 years old and one Ayrshire bull were classified on Nov. 19.

Scored were eight Excellent bulls, 11 Very Good, and four Good Plus.

Thirty five percent of the classified bulls were scored Excellent, this is believed to be the highest percentage of any bull stud group in the world. Forty eight percent of the Taurus Sires were classified Very Good, bringing a total of EX and VG Sires at Taurus to 83 percent.

76H9052 Pinehurst STARZ is classified EX 94 at 4 years of age. He is a Starbuck son from Pinehurst Precious 4E 95 GMD. STARZ is probably the highest classified young sire in a U.S. stud.

76H0075 Windever-Toddsdale TOPGUN was raised to EX 92 at 4 years of age. He is the Staruck son of Tyrbach Elevation Twinkie EX 97.

A new excellent Sire at Taurus is 76H0090 Hanoverhill PRECISONST, classified EX 90 at only three years of age. PRECISONST is an Inspiration son from Hanoverhill Star Roxy - VG; she is a Starbuck daughter of Mil-R-Mor Roxette EX. She is also a full sister to the popular Hanoverhill Raider bull at Western Ontario Breeders, Inc. PRECISONST'S third dam is the "Queen of the Breed" - Glenridge Citation Roxy, 4E 97 GMD.

Other Excellent Sires at Taurus include 76H0074 Hanoverhill S C ROXE EX 92. ROXE's dam is the Sheik daughter of Roxette mentioned above. Two sons of the famous All-American high producing Ella at Taurus are Excellent; they are her Starbuck son, Woodbine-K Star BUCKY EX 90 and her Starlite son, Romandale STARDOM, EX 90.

The popular proven Taurus Sire; 76H9013 Dale-Pride Val FURIOUS is also EX 90, and the young Inspiration son 76H9051 Pinehurst EXPRIT is EX 91. He is a son of Croquette 3E 95 GMD.

76H0076 Roycedale ALTAIR VG 88 is the Starbuck son of Roycedale Sheik Adrienne - EX. ALTAIR has sired many show winning offspring.

76H0250 Weathervue HARRY *RC was reclassified VG 86. HARRY is one of the most popular Taurus Sires and ranks number two for TPI according to the Holstein Association.

The Ayrshire Sire classified is: 76A0710 Ardrossan KV Kates TRIDENT, scored VG 85 at 3 years of age. TRIDENT'S dam is one of the Ayrshire breeds best cows; Ardrossan R Com Kate Try It, is EX 94, and projected to produce over 27,000 pounds of milk and 1,136 pounds of fat this lactation.

Taurus Service is expanding distribution of Code 76 semen across the United States and continually exporting to many countries throughout the world. In addition to the Taurus line up of Sires, the company also distributes for the Canadian studs; Universal Genetics and St. Jacobs ABC, plus Tri-State Breeders and Landmark Genetics.

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Speakers Address Dairy Issues

EVA MARTIN
Maryland Correspondent

ORLANDO, Fla.— Addresses to the National Milk Producers Federation (NMPF) Annual Meeting and Dairy Summit were intended to be informative and challenging to the members as they face the 1990's.

The Honorable Fowler C. West, commissioner, Commodity Futures Trading Commission, gave his views on "The Future in Dairy."

West said, "Dairy farmers need the ability to limit their production and there must be some compensation for what they are giving up. The pending bill tried to do this, but it seems a bit unfair to put those costs on the back of the dairy farmer entirely. There is a national interest in maintaining an efficient dairy industry."

West encouraged members to continue to press for justice for dairy farmers. "Bear in mind," he said, "that all is not lost because the bill was not brought up. It was not defeated."

He said he feels dairy farmers are fortunate to have a House Subcommittee and committee with excellent leadership and with bipartisan outlook hardly matched elsewhere in the House or Senate.

"Listen to their counsel," he pleaded, "and be prepared as an organization to leave decisions of strategy largely to them. They must navigate through rough legislative waters."

NMPF will fragment their legislative influence if they are not unified within their organization West said.

He said NMPF needs to keep working, and to be open to other ideas and problems of others.

"It is not easy, but your welfare and dairy's contributions to the world are worth the effort," he said.

Quoting the late Congressman Poage, West said, "It's better to get 50% of something than all of nothing."

Sen. James M. Jeffords, R-Vt., gave his thoughts on the "Future Role of Government in Agricultural Programs." He said he is optimistic and believes it is possible to regroup and reenergize efforts to support passage of an effective dairy program.

He recommended launching an aggressive communication program and building new coalitions of support. Direct talks between dairy farmers and beef producers to explain how dairy programs have operated in the past and what is at stake in the future is a necessity.

United States imported 1,000,000 cows this past year to meet the beef demands of consumers.

"If a reduction of the dairy herd is necessary, it is in both interests that the additional cows be removed in a way to minimize the impact on beef prices," he said. "The price cut, bankruptcy route will eventually put all the excess dairy cows on the beef market. But it is a slow and dehumanizing process. Let dairy farmers exit with dignity instead of bankruptcy."

He said the dairy industry ought to be considered the consumers' hero. The tremendous gains in dairy farmer productivity have done more to increase the number of people served by WIC nutrition programs and have provided more food to the needy than any other industry, he said.

A successful dairy strategy can be devised, but it is important to build as broad a coalition as possible, Jeffords said.

John E. "Jack" Gherty, president and CEO of Land O' Lakes Inc., addressed the issue of "A Dairy Cooperative Looks at World Markets."

Gherty said there is some movement toward reduced subsidies and trade barriers in some nations and feels that will result in greater opportunities for world trade in dairy products.

Gherty noted that currently, global trade in dairy products constitutes less than 5% of total dairy production. Though small, this trade is critically important to nations like Australia and New Zealand which export a significant portion of their national production.

He explained that the United States produces 16% of the world's milk production, European countries 25%, Australia 2%, and New Zealand 2%.

The United States exports 1%, European countries 10%, Australia 25%, and New Zealand 85%.

United States has 4% of the world trade while European countries have 60%, Australia 8% and New Zealand 15%.

With regard to the value of dairy exports, the United States is $289 mm, European countries $3,540 mm, Australia $409 mm, and New Zealand $1,039 mm.

Gherty said that the United States would do significantly better in world markets if trade rules gave us a level playing field, because we enjoy a very favorable competitive position in terms of efficiency and cost of production.

According to Gherty, the only dark cloud he sees is our own government and its lack of substantive commitment of fair trade rules for the U.S. dairy industry.

Since 1980, Land O' Lakes has attempted to carve out a plan and gain some experience in world markets. Using a two-fold strategy, the cooperative has launched efforts in international marketing and economic development activities.

"We got involved in the international arena because we felt we couldn't afford to sit on the sidelines and watch the forces of globalization move along without us," Gherty said. "Now, 10 years later, we're convinced more than ever that moving from international isolation to international involvement will play a significant role in our ability to serve the long term interests of our members."

The experience and exposure didn't come cheaply, but Gherty said he remains convinced that it's been beneficial for Land O' Lakes.

Gherty said, "We can look at the world market as an opportunity, a challenge, or a threat. What we can't afford to do is operate as if the world market was of no concern to us."

He said other cooperatives should include international activity in their annual business plans, aggressively seeking international experiences for the board members and staff.

The National Dairy Board export advisory task force, the Dairy Export Incentive Program and USDA market promotion programs are resources available to cooperatives interested in international activity.

Gherty said he challenges cooperatives to keep focused on projects that will benefit their members.

"It's a difficult decision to cut your losses and abandon a project that's becoming too expensive. But don't lose sight of the fact your goal is to benefit farmers."

James J. Miller, leader of the Dairy Analysis Section in the Economic Research Service for USDA gave "USDA's Economic Outlook for Dairy."

According to Miller:

— 1992 is expected to be characterized by little expansion in milk production, slightly higher farm milk prices and improved commercial sales of dairy products.

— The dairy sector will face challenges associated with possible changes in Federal Milk Marketing Orders and possible partial removal of trade barriers under GATT.

— Expansion plans in 1992 probably will be conservative primarily because income prospects are not too bright. The exit rate of dairy farms is not expected to be as large as during 1991.

— Milk production is expected to finish the year 1991 about even with a year earlier. Milk production in 1992 is projected to stay close to 1991 during most of the year. Milk cow numbers probably will average well below a year earlier.

— Milk surplus to decline in 1992 with U.S. exports of dairy products expected to increase substantially from a year earlier.

Potato Club To Meet

ITHACA, N.Y. — The Empire State Potato Club's annual meeting will be held on Wednesday, January 29, during the 1992 New York State Vegetable and Direct Marketing Conferences at the Riverside Convention Center, Rochester, N.Y.

The meeting will be at 4 p.m. in the Genesee Room of the Holiday Inn/Genesee Plaza. Business of the Association will be conducted, plans for the coming year discussed, as well as the election held of members of the board of directors.

The Empire State Potato Club Inc. was established in 1928 for the benefit of potato growers around the state. One of its major events each year is Empire Farm Days. It publishes a newsletter and is involved in a number of other projects on behalf of New York's potato growers. For more information about the organization, contact the executive secretary, Chris Kimball-Peterson, at (607) 722-9588.

Best SCC Management Keeping Cows Clean, Cool

SUSQUEHANNA (Wayne Co.) — Sometimes there are no secrets, no "tricks to the trade," as they say.

In the case of the dairy farm managed by James Slocum and wife Joan, simply keeping the cows clean and moisture-free, keeping the stalls cool, and keeping an eye on the stock garnered the farm the honor of the state's top-ranked herd in mastitis management.

According to Pa. DHIA records, the Slocum farm had a linear score improvement of 34 percent, and an overall somatic cell linear score of 1.9. By keeping the somatic cell count (SCC) low by careful management, the farm was best in the state.

"There's really no secret to it," said Joan Slocum. "Nothing fancy, really. We lowered the vacuum on the pipeline down to 13.5 (most milk with a setting of about 14, I think). We also keep the temperature at about 37 degrees in the barn. And all cows are treated the same — no one gets anything special."

Also, the cows' teats are washed off and the milkers are kept dry from cow to cow. The farm uses sawdust supplied by shavings from a furniture factory as bedding, which provides cow comfort and absorbs moisture to help manage SCC.

The Slocums have been dairying for 24 years. The farm manages 25 registered Holstein and 20 replacement stock, and includes 500 acres (80 of which are tillable). The herd includes Red and White Holsteins. Milking is from a stall barn to pipeline.

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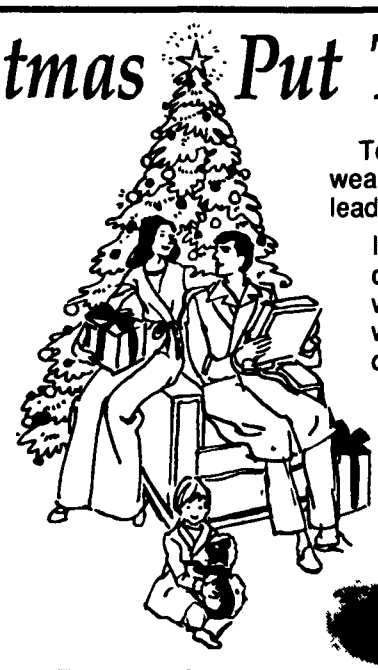

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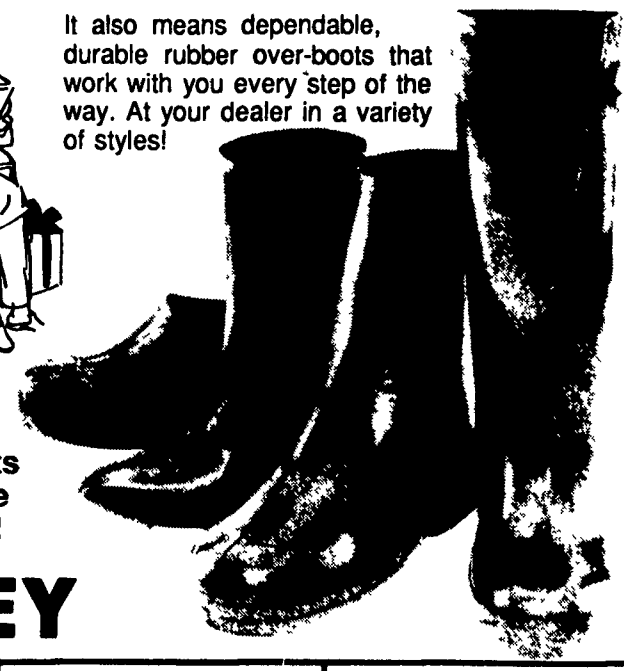

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Water Usage Fees Waived For Ag Users But Water Rights Cloudy

LOU ANN GOOD
Lancaster Farming Staff

LANCASTER (Lancaster Co.) — If a farmer uses a well for 30 years and a manufacturing plant digs a well that dries up the farmer's well — can the farmer collect damages.

"If it goes to court, industry wins. The most powerful and deepest well wins," Attorney R. Timothy Weston told about 55 farmers who gathered at the Farm and Home Center for the Water Law and Water Rights meeting held Thursday.

"It's a dog eat dog world in Pennsylvania Water law," said Weston, who explained that water rights are defined primarily by a set of decisions from court cases. Laws that guard surface and ground water were developed during the 17th and 18th century when legislators believed that there was no way to know the impact of wells on ground water. These laws often conflict and cases are taken to court where it usually takes several years to resolve the enormous conflicts.

"We badly need to define what water rights are rather than rely on a gambling game for a judge to decide," Weston said.

Seven speakers addressed the cloudy issues that surround water rights. Of consolation to many farmers was the knowledge that the proposed fee schedule for water usage will not apply to farmers.

Gil Hirschel of the Susquehanna River Basin Commission (SRBC) said that although permits are needed for daily water usages of 20,000 gallons or more, agricultural users are exempt from fees. Farmers should apply for permits although fees are waived, Hirschel said.

"Permits can protect you from lots of problems down the road," Attorney Cynthia Boyer Blakeslee stressed.

About 55 gathered at the Farm and Home Center to discuss water law and water rights. Speakers included, from left: Gilbert Hirschel, Susquehanna River Basin Commission; John McSparran, DER; Leon Ressler, Penn State Extension; Amos Funk, Funk's Farm Market; and James Erb, Brooklawn Farms.

According to Blakesless, a permit would ensure preferred or exempt status during water shortage emergencies. If a water rights case goes to court, the farmer who has a permit will be protected by law.

Blakeslee stressed the importance of being honest in the calculation of water use. If a lesser amount of water usage is reported, you can be in trouble later according to Blakeslee. If a farmer reported only 20,000 gallons of water used instead of 500,000, there may not be enough water for a newly approved subdivision and the farmer. If the correct amount had been reported, the agency would need to protect the agricultural rights against developers with big plans for adjoining tracts she said.

"Although farmers are not forced to apply for fees, they should. We must work with agencies because we are in this together," Blakeslee said. "The government must regulate water for the same reasons we send robbers to jail — because as a resource becomes increasingly tight, everyone becomes less considerate."

Blakeslee reported on the regulations that other states, in particularly Maryland, have adopted for water rights.

"Water must be a shared resource in which everyone must have a voice and must accomodate others or none (water laws) will work," Weston told the 55 persons who attended the meeting.

The government must regulate water for the same reasons we send robbers to jail — because as a resource becomes increasingly tight, everyone becomes less considerate.

In the past, the law defined the natural use of a well to include irrigation, power plants, manufacturing, mining and almost every use except digging a well solely to ruin your neighbor's water supply Weston said.

What is reasonable use in one situation may change tomorrow farmers were told.

"Some areas are drawing out ground water faster than it is going in. Unless we control ground water, we will have major problems," Weston predicted. He said new proposals are introduced to legislation whenever it starts getting dry but when it gets wet, the proposal is sent to another committee.

Weston sees a need for emergency management planning. "Too often a drought is not recognized early enough to take measures to conserve it," he said. This was most evident when several thousand wells went dry during the 1980 to '81 drought.

John McSparran from DER explained how water use has increased during the past six generations. "Lancaster County has 125 water companies. Added up, the county water uses measures 85 million gallons a day," he said.

Although statewide figures show 45 billion gallons of water flows out of the state and the state uses only 14 billion gallons, these figures are deceiving according to McSparran because water flow can drop to 4½ billion during times of drought.

Amos Funk, of Funks Farm Market, and James Erb,of Brooklawn Farm Market, reported on how legislation may affect their water use. Funk said two of his three farms were purchased because creeks provided water for irrigation.

"The availability of affordable water is vital if we are to retain a viable agricultural Industry in Lancaster County ... which exceeded 800 million dollars recently," Funk said. He stressed the need for farmers not to become complacent about the availability of affordable water.

Erb said because his farm was irrigated prior to 1971, it is "grandfathered" and permits are not required unless he increases water use over a 30-day average.

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Manure Storage Study Finds Farmers Risk Safety

(Continued from Page A34)

Thompson blamed a lot of the problems on farmers who do not install safety features, such as adequate fencing, pushoff/safety gates, shields on the gutter cleaner or PTO shafts of the pump. "Or eventually the safety feature wears out or is removed," he said.

"One of the recommendations that we made here was to provide cost-share money to update these manure storages that were possibly not first installed with safety features," said Thompson. "Maybe 10 years ago we didn't look at safety features closely enough; maybe we overlooked some things."

About half of the farms surveyed did not have adequate fencing installed, according to the report. Many of the fences were either fallen down or in disrepair, according to Bowers, and many of them lacked proper signs.

Standard sign

"That's an area that we have not developed — a standard sign that says, '*Warning. Toxic Gases Present. Do Not Enter.*' I guess we thought that was sort of second nature, but we found it's not," he said.

The SCS is working with the Pennsylvania Agriculture Safety Council to develop a sign similar to the one that says 'Warning, Surfaces Not Solid.' Sam Steel, senior project assistant in the Penn State ag safety and health program, is working with the SCS and other agencies on creating a safer environment for farmers and to "keep kids, pets, children, and everyone else from the manure storage area," he said.

The Council is examining the need assessments for safety signs about non-solid surfaces and warnings aabout toxic gases, according to Steel.

"We're going to get to more signs and the discussion of the safety issues regarding being overcome by the gases," said Bowers.

Had a problem

"It was very obvious in the beginning that farmers were happy with their structures," said Frank Goodlander, who served on the Ag Advisory Steering Committee for the manure storage study. "They were working well. And when we started looking at the parts on safety and management, we saw that they really had a problem there."

Farmers get caught up in wanting to get rid of the problem of manure in the quickest way and don't think about the consequences of handling it and working with it wisely, according to Goodlander.

"But our priorities, when it comes to manure, all we can think about is, 'I want to get the pens cleaned up, push it out, get it out of the pen, and if it's in a pile, we'll take care of it as soon as we can.'" Farmers must take time to closely examine the safety features, for their own sake, according to Goodlander.

But the safety aspects of structure maintenance were only part of the overall picture. The study began, according to Bowers, from a need to look at manure storage facilties for various reasons. Perhaps the results of the study may help in the update of the DER manure manual.

Rash of problems

From the years 1988-1989, according to Bowers, there "seemed to be a rash of problems with structures. Either they were overtopping or the picket fences were falling down," he said.

The SCS decided there needed to be an organized effort to return to the sites and look at the maintenance and performance of the existing structures. The DER Ag Advisory Committee, a consortium of farm organizations, extension personnel, conservationists, and others, endorsed the study. Funding from the SCS office and the Bureau of Soil and Water Conservation was obtained, and the surveys began.

But "we didn't want this to become just an SCS study," said Bowers. "We're concerned enough about fences — that's a very important thing that we're really putting a lot of emphasis on.

"But for some reason, 50 percent of the farmers surveyed don't have adequate fencing," he said.

Don't talk

Farmers don't like to talk about manure, even when given a chance, such as SCS did at a manure safety demonstration program during Ag Progress Days last summmer. Only 40 farmers attended the one-hour sessions held on each of three days, according to Bowers.

"How do you get their attention?" he said. "Most farmers would rather go look at tractors and combines than manure. I mean, it's just not a very exciting subject. But that's 40 more people that we reached than we didn't before."

Many of the structures have been in existence for 20 or more years, according to Bowers.

"One of the things that really drove the whole study was concern that, do we have a bunch of pits ready to fail? Structurally fail? Walls to fall down, earth to erode and go out?" said Bowers. "So there were a number of questions asked about that, and I think that was one of the very positive things about the report — there were very few major structural problems."

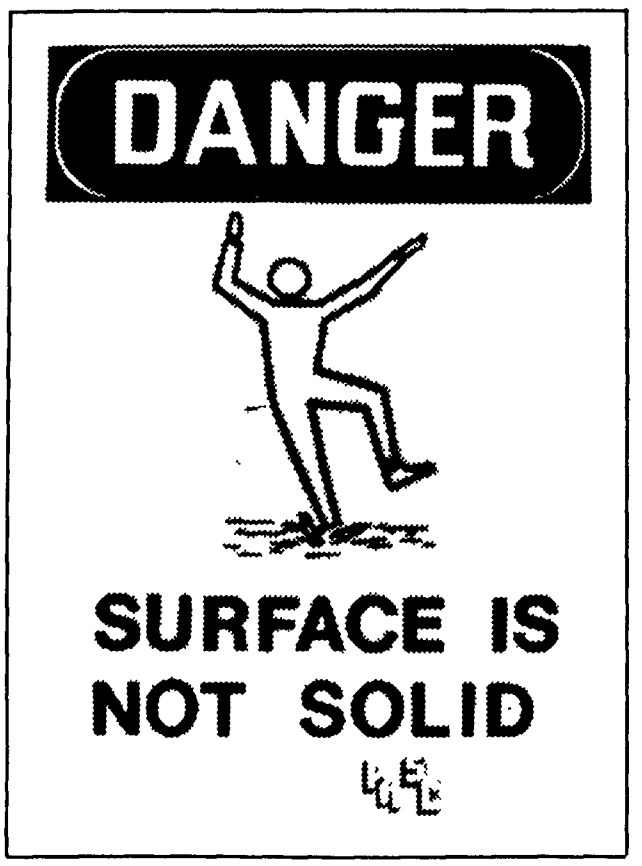
Nutrient management issues were also addressed as part of the questionnaire. But those questions had to relate to the use of the structure as part of an overall nutrient management plan.

Editor's note: Many maintenance and operation aspects were overlooked by many of the farms interviewed for the report. Overtopping, the location of the manure facitilies, and general maintenance were in question. Next week, Lancaster Farming will examine some of the ways farmers can look into their manure storage management practices and ways in which SCS and the local conservation district can help solve many of the problems related to manure safety and management.

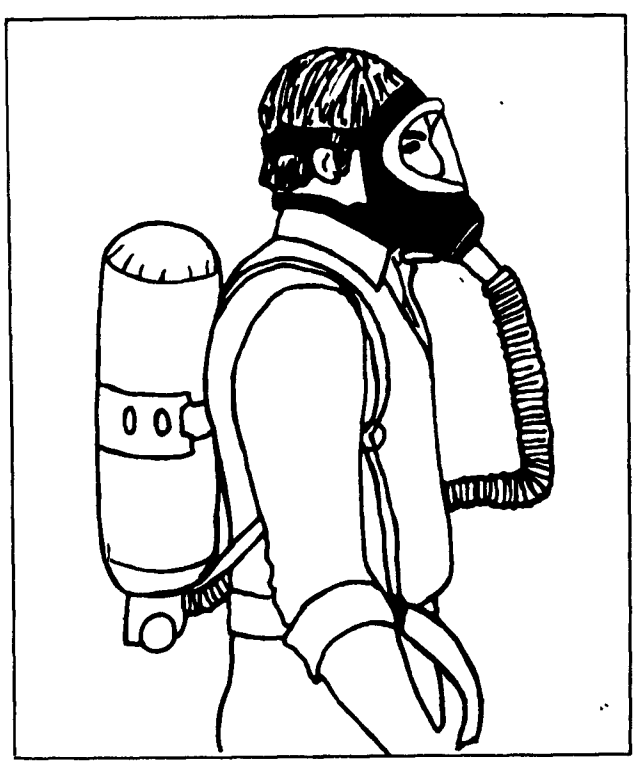
About half of the farms surveyed did not have adequate fencing installed, according to the report. Many of the fences were either fallen down or in disrepair.

If farmers would install safety gates and keep them adequately maintained, many farmers who died as a result of drowning in manure storage ponds or lagoons might be alive today.

'But our priorities, when it comes to manure, all we can think about is, "I want to get the pens cleaned up, push it out, get it out of the pen, and if it's in a pile, we'll take care of it as soon as we can."'



Signs such as this to warn visitors about manure storage are available from equipment suppliers or from the Pa. Ag Safety Council, 204 Agricultural Engineering Building, University Park, PA 16802.



The manure structure study fouhd that more than one-third of the farms surveyed did not use any type of safety equipment when entering sealed reception pits. A self-contained breathing apparatus must be used when entering a sealed manure storage facility.

October Milk Price $13.01

NEW YORK — Dairy farmers who supplied milk plants regulated under the New York-New Jersey marketing orders during October 1991 will be paid on the basis of a uniform price of $13.01 per hundredweight (28 cents per quart).

The price for the corresponding month last year was $13.10 per hundredweight. Market Administrator Ronald C. Pearce also said the price was $12.45 in September 1991.

The uniform price is a market-wide weighted average of the value of farm milk used for fluid and manufactured dairy products.

The seasonal incentive plan has been suspended for 1991. For October, the plan would have added to the uniform price value 30 percent of the total monies that would have been deducted during the spring months.

A total of 12,473 dairy farmers supplied the New York-New Jersey Milk Marketing Area with 889,998,509 pounds of milk during October 1991. This was a decrease of .02 percent (about .2 million pounds) from last year.

The gross value to dairy farmers for milk deliveries was $117,571,680.54. This included differentials required to be paid to dairy farmers but not premiums, deductions authorized by the farmer, or assessments.

Regulated milk dealers (handlers) used 391,226,264 pounds of milk for Class I, 43.9 percent of the total. This milk is used for fluid milk products such as homogenized, flavored, low test, and skim milks.

For October 1991, handlers paid $13.92 per hundredweight (29.9 cents per quart) for Class I milk compared with $15.64 a year ago.

Handlers used 141,971,792 pounds of milk for Class II products, 16.0 percent of the total. Class II products include fluid cream, eggnog, cottage cheese, ice cream, and yogurt. Handlers paid $12.37 per hundredweight for this milk.

The balance (356,800,453 pounds or 40.1 percent) was used to manufacture Class III products including butter, cheese other than cottage cheese, and dried milk. Handlers paid $12.56 per hundredweight for this milk.

The uniform price is based on milk containing 3.5 percent butterfat. For October 1991, there was a price differential of 10.8 cents for each one-tenth of one percent that the milk tested above or below the 3.5 percent standard.

All prices quoted are for bulk tank milk received from farms in the 201-210 mile zone from New York City.

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(Continued from Page A26)

BROWN SWISS

Leon N. Sensenig	102	721650	171547	9-29-90	7-0	5		305		24,863	3 6	892	3 5	882
Richard G. Wenger	Jan	719312	171140	12-12-89	6-3	4	R	305		25,891	3 3	853	3 9	1019
Calvin D. Keene	Blaky56	23VLA6140	158696	11-18-90	6-0	5		291		20,690	3.6	738	4 0	822
Richard G. Wenger	Mariete	744193	154912	11-14-89	4-1	2	R	305		22,478	3.3	733	3 5	791

MILKING SHORTHORN

James L. Marsh	April	416331	353344	4-3-90	3-0	2		278		13,484	3 6	479	4 5	610

RED & WHITE

Karl W. Herr	Maggy	48180	28020	10-6-90	6-5	5		305		24,659	3 2	790	3 3	821

HOLSTEIN

Walnut Run Farm	693	23DHN1044	1631223	11-5-90	4-2	3		302	302	34,253	3 2	1079	3 8	1305
Dave & Jodi Findley	Stretch	23DCP4892	1917446	10-23-90	5-0	4	A	305		31,942	3 3	1045	2 5	799
Spring Belle Farm	Acre	11938556	1635843	10-25-90	6-4	5	R	305		33,847	3 1	1037	3 5	1174
John H. Howard	Lindy	11379350	1558842	1-5-90	7-0	5	R	305		36,464	2 8	1035	3 3	1204
Kenneth D. Myer	Barbara	9836783	40311569	11-7-89	12-1	7	R	305		32,200	3 2	1015	3 7	1176
David & Robin Dum	245	12257262	1699493	12-9-89	5-5	4	R	305		29,875	3 4	1007	4 0	1197
Walnut Run Farm	717	23DHN1057	1729637	10-24-90	3-11	3		305	305	34,208	2 9	1002	2 7	926
Kenneth R. Martin	44	11610542	1645058	11-14-90	8-1		A	305		28,151	3 5	999	3 8	1081
Homer C. Hess	Kelly	12049284	1699493	10-5-90	6-1	5	R-R	305		30,572	3 2	990	3 7	1119
Spring Belle Farm	Dawn	11632188	1667366	11-8-90	7-0	6	R	305		33,302	2 9	984	3 6	1217
Spring Belle Farm	Breeze	11888199	1650414	7-24-90	6-2	5	R	305		31,375	3 1	984	2 4	761
Edwin J. Landis	Sparkle	11792814	1721369	11-23-90	6-10	5		305		32,855	3 0	980	3 0	993
Warren Z. Good	Ellen	12049811	1723741	1-14-90	5-7	4	R	305		29,723	3 3	979	3 3	994
John H. Howard	Roxy	12047346	1691097	11-6-90	6-1	4	R	305		31,596	3 1	977	3 1	982
Jeffrey L. Aungst	Pat	13333921	1772090	11-4-90	4-3	3		305		31,650	3 0	964	3 1	968
Bob & Karen Gochenaur	74	11976069	1612058	11-26-89	5-3	4		305		33,852	2 8	964	2 8	960
Vernon R. Umble & Son	Beaut	11442015	1620273	12-9-89	6-5	5		305		32,246	3 0	962	3 2	1041
Spring Belle Farm	Mina	11044145	1556373	8-27-90	8-5	6	R	305		30,791	3 1	961	3 7	1139
Robert Kauffman Jr.	Tina	12452561	1667366	2-24-90	4-8	3		305		26,990	3 6	959	3 6	978
Edgefield Farms	Willy	12093429	1785862	4-13-90	5-3	4		305		23,987	4 0	957	3 3	802
David & Robin Dum	1129	10846071	1620273	11-18-90	9-0	8	B	305		27,072	3 5	955	3 9	1046
Amos E. Stoltzfus	Robin	23VJA7505	1729917	11-19-89	6-3	4	A	305		30,779	3 1	955	3 2	996
Dale & Steve Hershey	Laura	12764637	1810969	9-11-90	4-0	2		305	305	33,174	2 9	953	3 4	1141
Weaver Homestead Farm	85	23DHP2213	1965100	5-29-90	3-5	2	A	305	305	28,409	3.4	952	3 9	1120
Elvin L. Kurtz	Mandy	13007836	1667366	1-1-90	4-7	3	R	305		30,230	3.1	951	3 1	951
Walter M. Hurst	114	23DAJ6010	1708145	10-31-90	6-10	5	A	305		27,998	3 4	949	3.2	891
Shelmar Acres	Mindn 44	11640019	1432733	12-6-89	6-4	4		305		30,849	3 1	948	3.8	1176
Timothy Kurtz	28	12234193	1626813	10-2-90	5-8	4		305		29,086	3 3	947	3 6	1033
Ivan Z. Beiler	Elmora	12359606	1721881	12-31-89	4-2	3		305		29,931	3 2	945	3 2	971
Robert Kauffman Jr.	Anabell	10983467	1694963	12-15-89	8-0	6		305		29,933	3 2	945	3 1	932
Amos N. Martin	Cindrel	11465612	1723741	9-20-90	7-6		B	305		28,815	3 3	945	3 2	928
Carl & Darlene	37	23DHN3539		1-14-90	3-2		A	305		29,473	3 2	944	3 2	938
Mervin S. Stoltzfus	10	51WBV8187	1851524	11-17-90	7-2	5	A	305		31,804	3 0	940	3 6	1142
Burk-Dell Farm	224	12687445	1773417	3-18-90	3-8	2	R	305		30,178	3 1	940	3 4	1035
Dave & Jodi Findley	Makeup	11669625	40333194	11-8-90	7-1	5	A	305		29,568	3 2	936	3 3	963
Homer C. Hess	Jewel	12645484	1692148	11-3-90	4-6	3	B	305		29,832	3 1	935	3 4	1022
John B. Groff	Hilda	11658167	1694006	9-22-90	6-11	5	B	305		28,505	3 3	935	3 5	1004
Roy E. Sensenig	101	12124504	1667366	8-2-90	5-11	4	A	305		30,613	3 1	935	3 0	925
Daryl & Sam Martin	209	23DAZ1506	1684205	1-27-90	5-4	3	A	305		30,184	3 1	935	2 8	837
Kenneth E. Zurin	307	23DJC8043	1803935	11-24-90	3-2	2	AC	305	281	28,855	3 2	932	3 4	978

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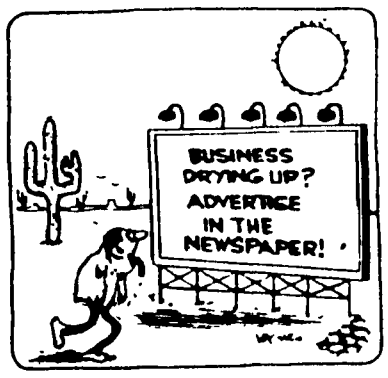

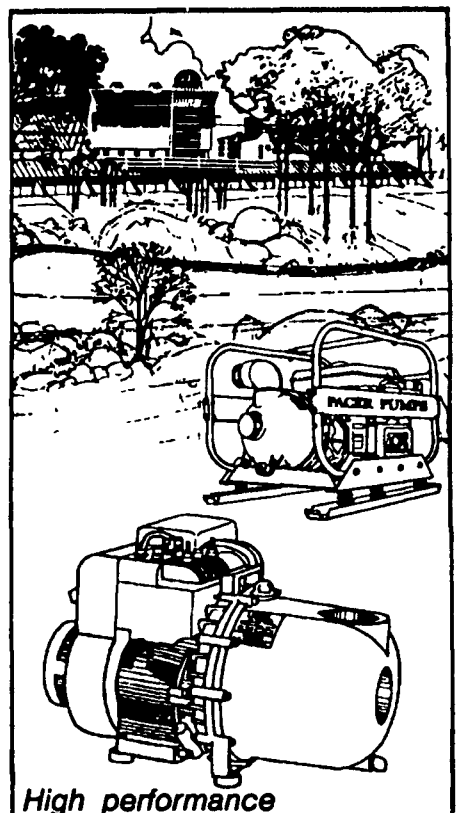

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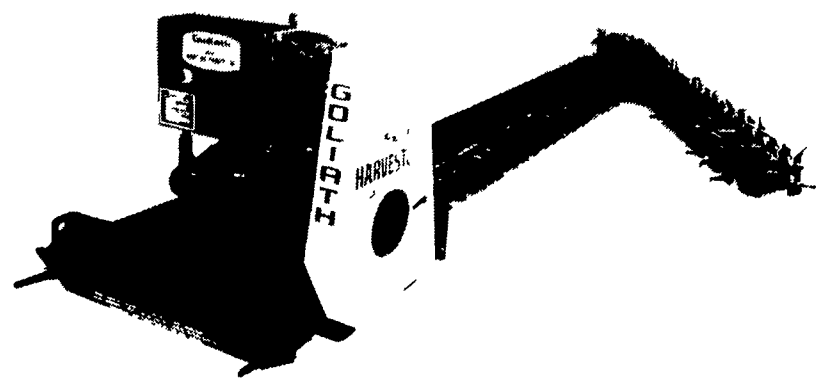

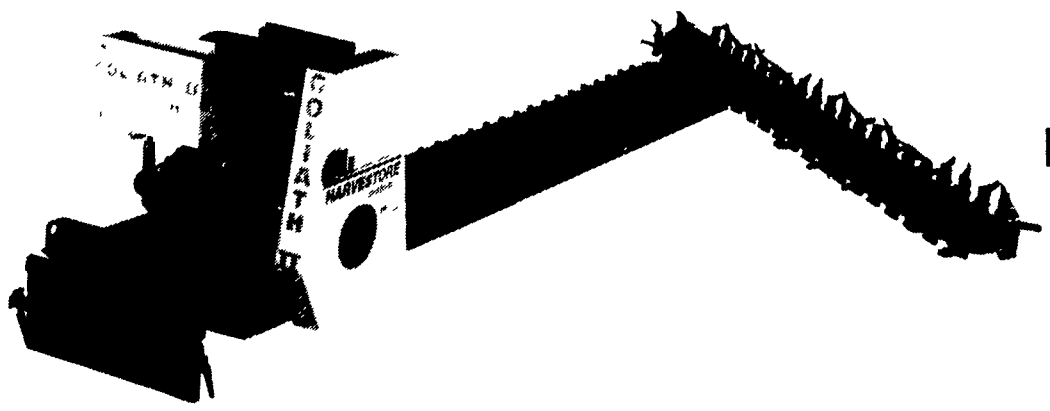

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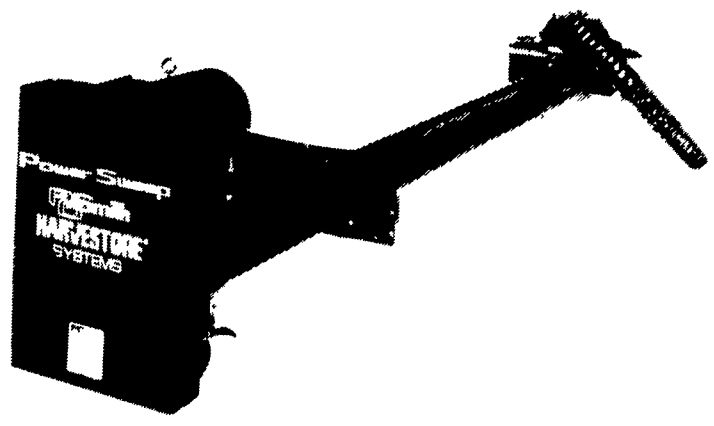

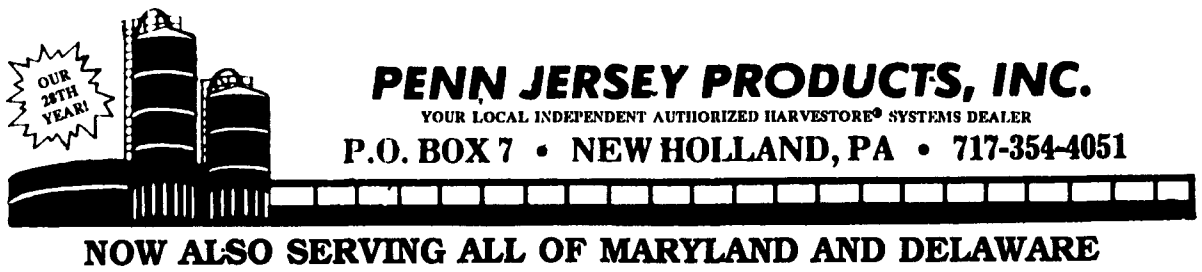

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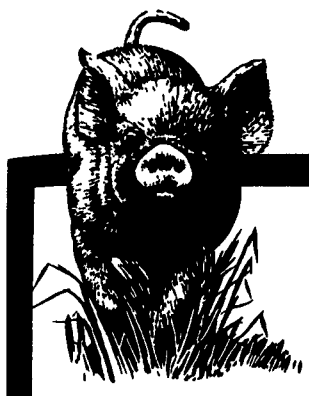

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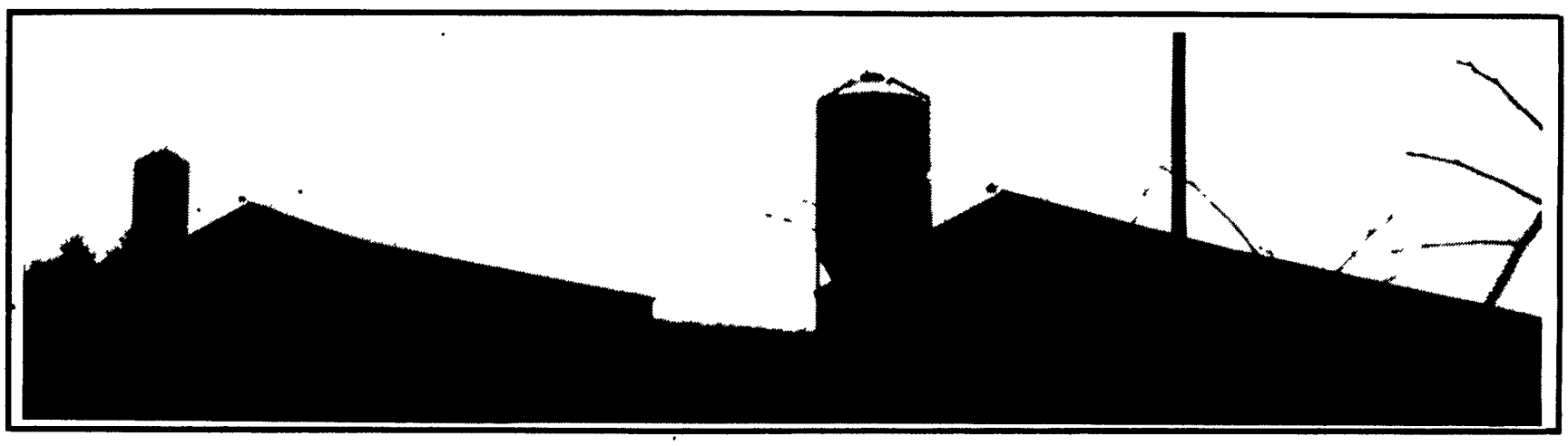

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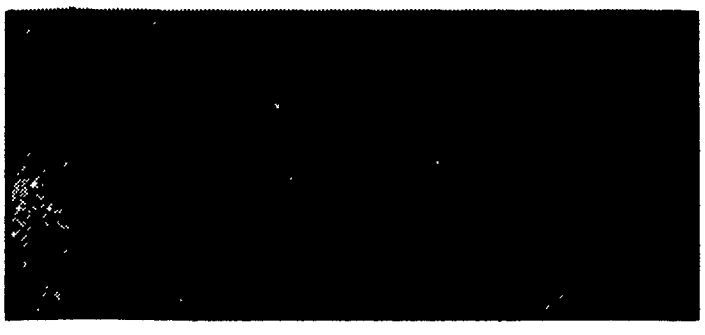

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12-14

Farmers Provide Live Nativity Pageant

STOUCHSBURG (Lebanon Co.) — Six farm families are contributing time and livestock to bring reality to the outdoor nativity pageant to be presented at Christ Lutheran Church, Stouchsburg, on Sunday evening, December 15, at 5:30 p.m. and 7:00 p.m.

Christ Church is along Rt. 422, a mile west of Stouchsburg, Michael Firestine, of MAP Farm and vice-president and senior agricultural lending officer for Lebanon Valley National Bank, will accompany his donkey, Jackie, as she takes Mary and Joseph to the inn (old stone parsonage), where innkeeper George Fessler, a retired farmer from Charming Forge (Womelsdorf R.D.), will direct Joseph to the stable behind the "inn."

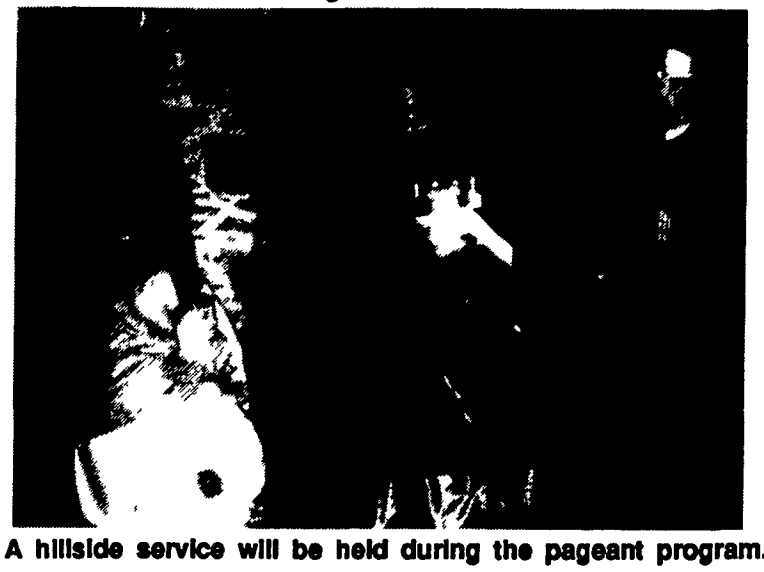
The stable scene is set in the corn shed rented by Paul Sonnen of Sonnen Acres Farm. Sonnen's son Jonathan will be the angel Gabriel and son David will be a lantern bearer, along with Fred Bube, leading the pageant guests from scene to scene while the holy story is told by Pastor Philip Smith and Rebecca Sonnen, 1988 Pa. State Guernsey Princess and presently a Penn State student.

The nativity scene will include Mr. Firestine's wife Martene and two daughters Morgan and Margeux as angels, along with Megan Ginder of Womelsdorf. Mary and Joseph will be portrayed by Jill and Bradley Manwiller, Myerstown, and 4-month-old Haley Luckenbill.

Animals in the scene include a donkey, a calf, Sonnen's cow, Charity, and Bube's week-old lamb.

The pageant will progress to the hillside with the shepherd scene, the sheep provided by the farm of D.L. Grumbine & Sons, Myerstown, R.D. Richard Webber, retired farmer and present Marion Township supervisor, will be a shepherd, along with Irvin Strause of Myerstown; Wilbur Wilhelm of Denver; Josh Knoll; and Jason Maurer of Myerstown area.

Six farm families are donating animals and their talents to for the live nativity pageant that will raise funds for a cancer patient.



A hillside service will be held during the pageant program.

The final scene will be at the "home" of Mary and Joseph two years after the holy birth, at which time the three magi (wisemen), riding their own horses (Bo, Showgirl, & Rocky) will approach the holy family and present their gifts. The magi are Carl Shaak Sr. and Jr. as well as Shaah's son-in-law Bryan Harnish. The magis' costumes will use fine, gold-embroidered silks from Indian; also their horses will wear brocaded Indian covers.

After each pageant, cookies and beverage will be provided by the Church for the guests. There is no charge for the evening, but donations will be given to the Betsy Umberger Wolfe's cancer fund.

Mrs. Wolfe, who grew up in Christ Lutheran Church, is a 27-year-old registered nurse with a rare form of cancer that has not responded to conventional chemotherapy. She is presently at Johns Hopkins University Hospital in Baltimore for specialized treatment, which includes a bone marrow transplant. Her hospital stay is expected to be lengthy. Many expenses are not covered by Mrs. Wolfe's insurance, and a fund has been set up to help Betsy & family defray these costs. For more information, call (215) 589-4788.

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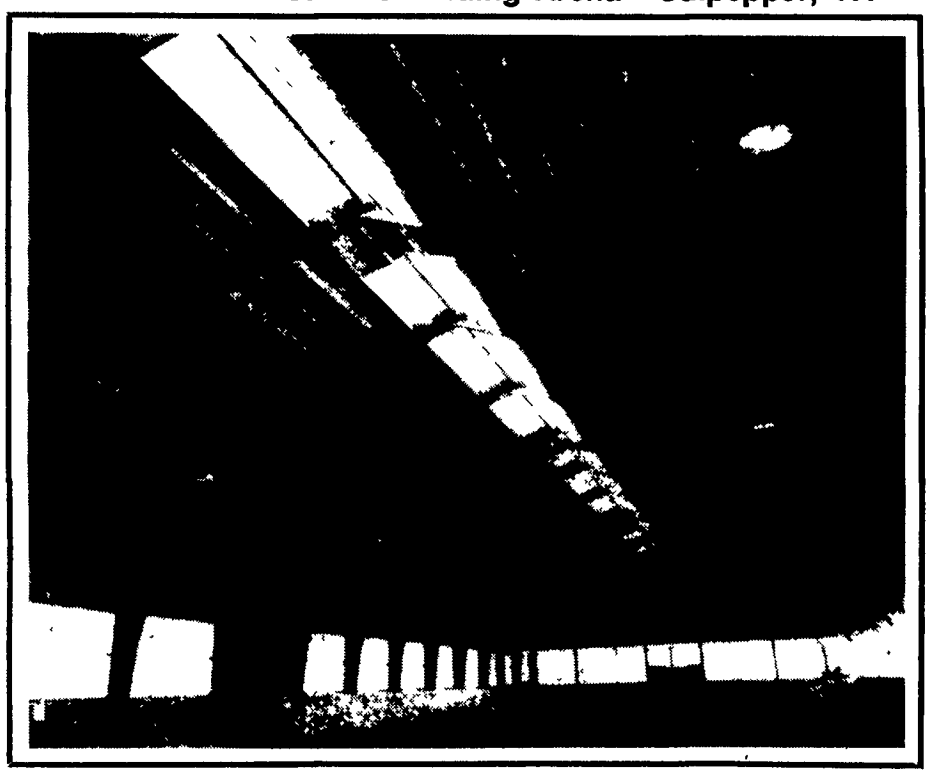
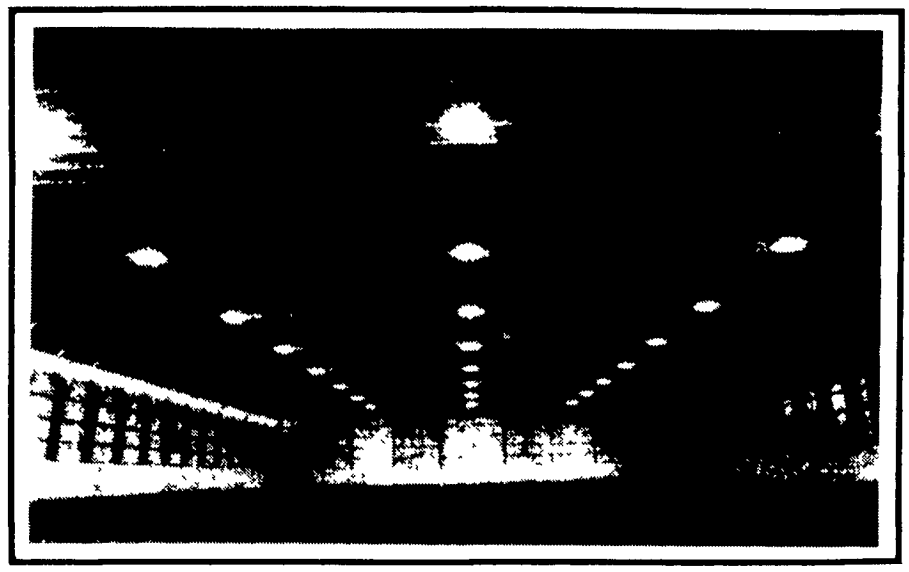


80'x200' Clear Span Truss Riding Arena - Lehighton, PA



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Plan A Meaningful Christmas

LOU ANN GOOD
Lancaster Farming Staff

LITITZ (Lancaster Co.) — Have the holidays become a frazzled rush of decorating, shopping, and cookie baking?

Do you long for a meaningful Christmas that leaves the whole family with a warm glow of satisfaction?

If so, you will want to try Priscilla Hodecker's ideas. Priscilla, who lives on a Lititz farmette with husband, Terry, and four children, said that her biggest emphasis during the holidays is building memories."

This includes teaching children the pleasure of giving to others in need. Sometimes, the family packs groceries for needy families. They anonymously deliver the groceries by sitting the bag or box on the doorstep, ringing the doorbell, and hiding in the bushes to watch the person open the door and pick up the groceries.

Growing up the children often vied to be the one who would carry the groceries to the door or the one who would ring the doorbell.

If the Hodeckers hear about a family that had a tough year, they buy gifts, wrap, and deliver them to the family. The warm glow they get from watching the faces of the children lingers long after the holiday season is gone.

Among family members, Priscilla prefers to spread gift giving throughout the year instead of concentrating on one big bash at Christmas.

"Christmas is a time to build special times with families," said Priscilla who tries to think of fresh ways to build memories with a clan of 36 relatives each year.

Some of the extended family events include such traditions as cookie baking, gingerbread house decorating, Christmas caroling, and an occasional visit to a Christmas show.

Because Priscilla believes that it is easier to give gifts rather than giving of ourselves, she seeks ways to involve family members in giving of themselves.

One year, when extended family members got together, Priscilla handed out cards that had each person's name written in calligraphy. Each family member had the name of another relative. Inside the card read, A gift from my heart for you this year is ....

The recipient wrote a few paragraphs expressing appreciation for the person named on the card and gave it to them.

"If your family is not a "huggy" family, this exercise is a good way to draw out emotions that are usually left unsaid," Priscilla said.

One year, she had each extended family member write down a personal change desired for oneself, another for immediate family, and another for extended family members. The comments were put in a small burlap bag representive of a bag of seeds and kept secret until the following year. Then members retrieve their "seed" and read it aloud. They were surprised to see how many of their "wishes" had come to pass during the year.

"We aren't big on materialism," said this creative mother who is big on spending time to make eac. family member feel special.

Because extended family members often have difficulty meshing schedules for getting together throughout the year, Priscilla had the family plan a calendar together during one Christmas get-together. Family members planned such events as a personal "dutch" 25th anniversary celebration at a restaurant, a Labor Day cookout, and combined birthday and anniversary celebrations.

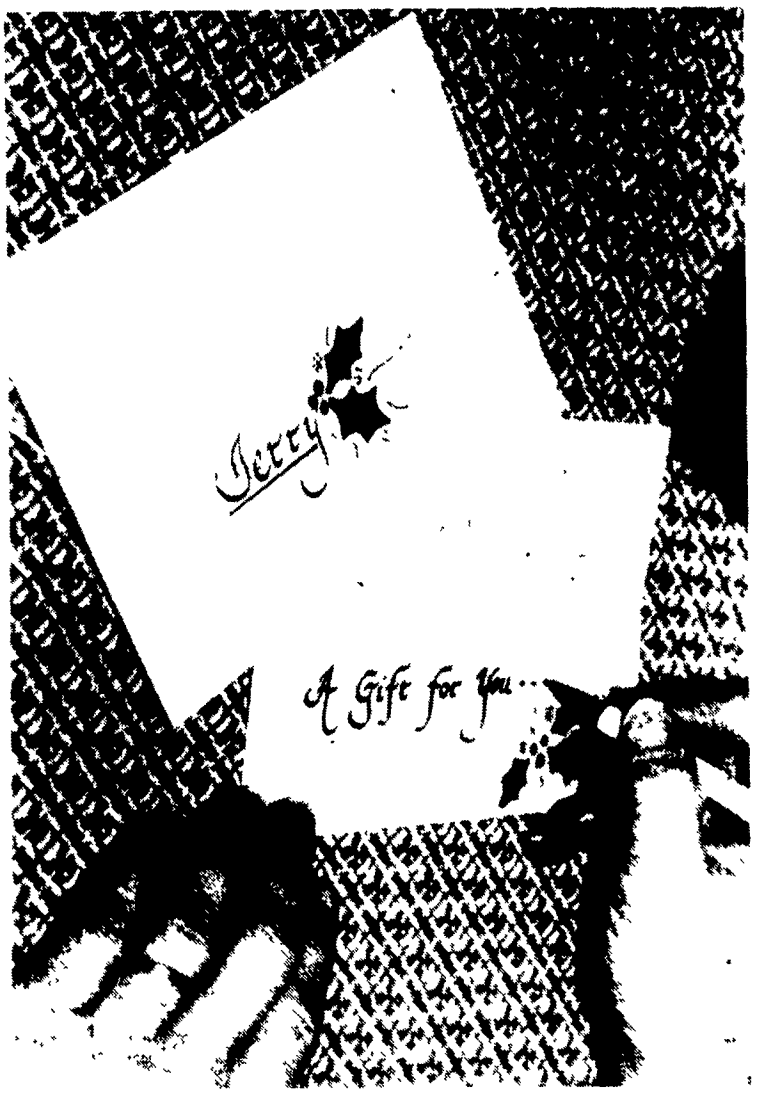
Some of the most simple acts provide a feeling of closeness, Priscilla believes. When the family gathers for the holiday meal, they hold hands as they thank God for the food. Sometimes they go Christmas caroling to the elderly.

"I'll never forget the tears in the eyes of 80 to 90-year-olds for which we sang," she said.

For a meaningful Christmas, Priscilla advises, "Make time for important things. Hold back on materialism. Think of others rather than yourself."

Priscilla Hodecker searches for ideas to build family togetherness during the Christmas season.

Terry Hodecker places a bag of groceries on the doorstep of a needy family.



If your family is not the huggy type, these notes will help members express appreciation for each other that would be left unsaid otherwise.

Ideas For Healthy Entertaining

BETH WHITMAN PITZER, C.H.E., M.Ed.
Cumberland Co. Correspondent

SHIRLESMANTOWN (Cumberland Co.) — "And visions of sugar plums danced in their heads..." We often picture holiday foods as rich and calorie-laden.

But you need to eat foods that leave you wishing you hadn't after the holidays. Choosing to make recipes that fit into the dietary guidelines can make you feel better both physchologically and physically. It'll be easier to eat a lower amount of calories and many people do feel better eating healthy foods.

See how much you understand about the role of snacks and desserts in our diets by taking the following quiz. Answer each question true or false.

Mind Munchies: Test Your Facts on Snacks and Desserts

1. There is no room in a healthy diet for cake and ice cream.

2. Snacks can make an important contribution to your daily nutrient and calorie needs.

3. Commercially made sherbert has fewer calories than ice cream.

4. Drinks, punches, and ades are 100 percent fruit juice.

5. Snacks and desserts can be made with less sugars, fat and salt without sacrificing taste.

Answers

1. False. Cake and ice cream provide nutrients similar to bread and milk. Just don't eat them too often and, when you do, balance their extra fat and sugar by eating foods with less fat and sugars at other meals that day.

2. True. Plan your snacks so they do contribute to your nutritional needs.

3. False. Sherbet has as many calories as ice cream. Fewer of its calories come from fat, but more come from sugars.

4. False. The fruit-juice content of drinks, punches and ades may be very low. Fruit juice is 100 percent juice. Read the label to be sure.

5. True. Try it. Try making some of the following fun recipes over the holidays and see how they stack up with your old stand-by's!

Here are some lowfat, low sodium, and low sugar recipes to serve your friends and family durign the holiday season.

(Turn to Page B4)

Give food a festive touch by using Christmas decorations.

Combine Microwave With Conventional Cooking

Many foods are prepared most efficiently when you do part of the cooking by microwave and part conventionally. Use microwave for its speed, easy clean up and unique jobs which cannot be done conventionally.

EXAMPLES:

1. Toast bread conventionally. Prepare sandwiches and microwave to heat fillings and melt cheese.

2. Brown meats conventionally on range top and then transfer to the microwave. Microwave as directed in recipes, but reduce time by 1/4 to 1/3.

3. Warm syrup for pancakes in pitcher or uncapped bottle. Reheat leftover pancakes.

4. Blanch almonds. Microwave 1 cup water until boiling. Add nuts. Microwave 1/2 minute at High. Drain and skin.

5. Soften brown sugar. Place apple slice in bag. Close tightly with string. Microwave 1/4 minute at High or until lumps soften.

6. Shell nuts which are difficult to remove whole. Microwave 1/2 pound of nuts in 1 cup water 4 to 5 minutes on High. Drain and shell.

7. Plump raisins. Sprinkle 1 or 2 teaspoons of water over fruit. Microwave 1/2 to 1 minute at High.

8. Make instant mashed potatoes right in the measuring cup. Place water, butter and salt in cup. Microwave until boiling. Add milk to correct measure. Stir in flakes.

9. Peel tomatoes or peaches easily. Put enough water to cover food in a casserole or measuring cup. Microwave until boiling. Drop in food for a few seconds. Peel strips off quickly.

10. Melt chocolate in its paper or a plastic cup you've already used to measure milk or shortening. It won't scorch and you will save dishwashing. Use 50% power.

11. Melt butter for blender hollandaise, basting sauces and frostings for conventional cakes.

12. Microwave sauces while you cook pasta conventionally. Reheat pasta without flavor loss.

13. Soften gelatin. Measure water into a bowl or 4-cup measure. Microwave until boiling, stir in gelatin and cold water.

14. Get more juice from lemons. Microwave 20 to 35 seconds at High before cutting and squeezing.

15. Microwave chicken or ribs until almost done. Finish on barbecue grill for charcoal flavor. Interior will be fully cooked without overbrowning.

Ideas For Healthy Entertaining

(Continued from Page B3)

Peanut Butter-Date Spread

Dates are traditional over the holidays. Try this recipe over crackers. The dates and juice make this spread lower in fat and calories per tablespoon than plain peanut butter. However, it is still fairly high in fat, so balance it out with lower fat choices elsewhere.

About ¾ cup
Per tablespoon:
Calories 80
Total fat ..... 6 grams
Saturated fatty acids ..... 1 gram
Cholesterol 0
Sodium ..... 2 milligrams

"No-salt added" peanut butter ½ cup
Dates, chopped ⅓ cup
Orange Juice 3 tablespoons
Orange rind, grated ¼ teaspoon

1. Mix all ingredients.
2. Use as a spread on melba toast or lowfat crackers.

Mexican Party Pizzas

A lowfat, low-calorie pizza that might be a fun diversion for a holiday or New Year's party. The beans and whole-wheat muffins give a fiber boost.

Per pizza (½ English muffin):
Calories 95
Total fat ..... 2 grams
Saturated fatty acids ..... 1 gram
Cholesterol ..... 4 milligrams
Sodium ..... 300 milligrams
Whole-wheat English muffins 2
Tomato puree ¼ cup
Kidney beans, canned, drained, chopped ¼ cup
Onion, chopped 1 Tbsp.
Green pepper, chopped 1 Tbsp.
Oregano leaves ½ tsp.
Mozzarella cheese, part skim milk, shredded ¼ cup
Lettuce, shredded ¼ cup

1. Split muffins; toast lightly.
2. Mix puree, beans, onion, green pepper, and oregano. Spread on muffin halves. Sprinkle with cheese.
3. Broil until cheese is bubbly, about 2 minutes.
4. Garnish with shredded lettuce.

Chili Popcorn

Prepare the popcorn in a microwave oven or hot air popper. The small amount of fat added to the popcorn is just enough to make the other seasonings stick to the popped kernels.

4 servings, about 1 cup each
Per serving:
Calories 50
Total fat ..... 3 grams
Saturated fatty acids ..... 1 gram
Cholesterol 0
Sodium ..... 42 milligrams
Popcorn, popped 1 quart
Margarine, melted 1 tablespoon
Chili powder 1¼ teaspoons
Ground cumin ¼ teaspoon
Garlic powder Dash

1. Mix hot popcorn and margarine.
2. Mix seasonings thoroughly; sprinkle over popcorn. Mix well.
3. Serve immediately.

Pineapple Cheese Spread

This cracker spread has half the fat of a cream-cheese spread.

About 1 cup
Per tablespoon:
Calories 35
Total fat ..... 2 grams
Saturated fatty acids ..... 1 gram
Cholesterol 6
Sodium ..... 56 milligrams
Mozzarella cheese, part skim milk 6 ounces
Crushed pineapple, juice-packed, undrained ⅓ cup
Pineapple juice 1 tablespoon

1. Cut cheese into small pieces.
2. Mix ingredients in a blender, scraping sides of blender often—blend until mixture is smooth and creamy.
3. Serve on unsalted whole-wheat crackers.

Try to serve low-fat foods during the holiday.

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"Microwave Magic"

By:
Carol Stark

With the busy holiday season upon us, everyone anticipates the culinary delights, but fewer people than ever have the time or unclination to prepare them. And unless your home has an ideal layout, time in the kitchen is, for the most part, time by yourself while the rest of the family or friends are enjoying one another's company in another room.

So it's no surprise that the bywords for the busy family at this time of the year especially are "easy and quick." To make an easy snack for before dinner, here is an easy cracker spread.

Cracker Spread

½ cup dairy sour cream
1 small avocado, seeded, peeled, and finely chopped
¼ teaspoon salt
¼ teaspoon pepper
Few dashes bottled hot pepper sauce
Dash garlic powder
Dash onion powder
Sliced ripe olives
½ of an 8 ounce package Neufchatel cheese
32 to 40 melba toast rounds or shredded wheat crackers

Place Neufchatel cheese in a nonmetal mixing bowl. Micro-cook uncovered on 100 percent power (HIGH) for 30 seconds or just until softened. Stir together Neufchatel cheese, liquid and seasoning; mix well. Spread on melba toast rounds or shredded wheat crackers. Arrange 8 appetizers in a circle on a nonmetal plate. Micro-cook uncovered on 50 percent (MEDIUM) for 45 seconds to 1 minute or till heated through, rotating the plate a quarter-turn after 30 seconds. Top with garnish. Serve warm. Repeat with remaining appetizers. Makes 32 to 40 appetizers.

One-Crust Pie Shell

1 tablespoon sugar
1 teaspoon ground cinnamon
¼ teaspoon ground nutmeg
1¼ cups all purpose flour
¼ teaspoon salt
⅓ cup shortening
1 tablespoon butter or margarine
3 to 4 tablespoons cold water

In a mixing bowl stir together flour and salt. Cut in shortening and butter or margarine until mixture resembles coarse crumbs. Stir in flavoring. Sprinkle 1 tablespoon of the cold water over part of the mixture; gently toss with a fork. Push to side of bowl. Repeat with remaining cold water until all is moistened. Form into a ball. On a lightly floured surface, flatten dough with hands. Roll dough from center to edge, forming a circle about ⅛ inch thick.

Fit pastry into a 9 inch pie plate, being careful not to stretch pastry. Trim pastry ½ inch beyond edge. Fold under the flute edge to form a high rim. Use a fork to prick bottom and sides of pastry at ½ inch intervals. Prick pastry continuously at bend of dish. Micro-cook, uncovered, on 100 percent power (HIGH) for 5 to 7 minutes or until crust is dry, rotating the dish a quarter-turn twice.

Makes one 9 inch pastry shell. (Remember: a microwave pie crust will not appear brown but will appear dry when it is done.)

Cereal Muffins

⅔ cup granola
¼ teaspoon ground cinnamon
⅓ cup snipped dried apricots
⅓ cup chopped walnuts
⅓ cup water
1¼ cups all purpose flour
⅓ cup sugar
2 teaspoons baking power
¼ teaspoon salt
1 beaten egg
⅓ cup cooking oil
2 tablespoons chopped walnuts
2 tablespoons all purpose flour
1 tablespoon brown sugar
1 tablespoon butter

Micro-cook water uncovered on 100 percent power (HIGH) for 1 to 1½ minutes or until boiling. Pour over cereal. Let stand for 10 minutes. Meanwhile, in a mixing bowl stir together 1¼ cups flour, sugar, baking powder, salt and seasoning.

Make a well in the center of the dry ingredients. Stir egg, milk, and cooking oil into the cereal mixture; add to the dry Ingredients, stirring just until moistened. (Batter should be lumpy.) Fold in fruit and nuts if indicated. Turn batter into an airtight container. Cover and store in refrigerator up to 5 days.

To make muffins, line microwave cupcake dish or 6 ounce custard cups with paper bake cups. Without stirring batter, fill cups ⅔ full. Stir together the 2 tablespoons chopped walnuts, 2 tablespoons flour, and brown sugar Cut in butter or margarine. Sprinkle atop muffins. Place microwave cupcake dish in microwave oven. Micro-cook uncovered on 100 percent power (HIGH) until done, rotating dish a half-turn every minute. When done, surface may still appear moist, but a wooden pick inserted into the center of the muffins should come out clean. Allow 1 to 2 minutes total time for 2 muffins, 1½ to 2½ minutes total time for 3 to 4 muffins. Remove muffins from cupcake dish. Let stand on a wire rack for 5 minutes to 10 minutes. Serve warm.

Visit Longwood Gardens' Christmas Display

KENNETT SQUARE (Chester County) — Christmas Melodies fill the air at Longwood Gardens, Kennett Square, during the annual holiday display from December 6 through January 5. Daily hours are 10 a.m. to 9 p.m., including Christmas and New Year's Days.

Outdoors, the Gardens make a remarkable transformation at 5 p.m. each afternoon when almost 200,000 lights create colorful shapes in Longwood's tall trees. In front of the Conservatory, flickering white lights fill the canals to suggest an animated fountain display. Nearby in the Open Air Theatre, a colored fountain display with real water is set to holiday music. Its five-minute shows run continuously from 5-9 p.m., weather permitting.

Longwood Gardens, recognized as one of the world's great gardens, is located on U.S. Route 1, three miles northeast of Kennett Square, PA.

For a complete schedule listing all events and musical programs, send a self-addressed, stamped business envelope (9" x 4") to: Christmas Display, Longwood Gardesn, PO Box 501, Kennett Square, PA 19348-0501. For more information, telephone 215-388-6741.

Longwood Gardens feature sights and sounds of Christmas with 2,000 colorful poinsettias.

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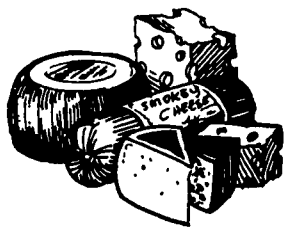
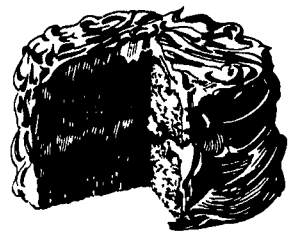


Home On The Range



Tantalizing Christmas Cookie Recipes

Tradition is the chain that links one holiday season to the next. We savor those traditions that remind us of the comforting customs of our youth, yet we want to build new ones that fit our lifestyles today.

In many homes, holidays and cookie baking are synonymous with cherished holiday traditions, bringing to mind days spent in the kitchen with Mom or Grandmother, comforting aromas wafting from the oven. It's a memory that most of us would love to recreate today.

Remember, cookies are only as good as the ingredients from which they are made. There's no substitute for ingredients like butter and real vanilla extract — you can taste the difference.

ORANGE GRANOLA COOKIES

1½ cups flour
1 teaspoon cinnamon
½ teaspoon baking soda
½ cup margarine, softened
½ cup granulated sugar
½ cup brown sugar
1 egg
1 medium orange, finely chopped in blender to equal ¾ cup
⅔ cup granola
½ cup raisins

Sift together flour, cinnamon, and baking soda. In large bowl, cream together margarine, and sugars. Add egg and chopped orange; beat well. Gradually blend in flour mixture. Stir in granola and raisins. Cover and chill. Drop dough by teaspoon onto lightly greased cookie sheets. Bake at 375 degrees for 10 to 12 minutes. Cool on wire racks. Makes about 4 dozen cookies.

CHOC-CHIP COOKIES

½ cup butter
½ cup honey
1 egg
½ teaspoon vanilla
1½ cups flour
1 teaspoon baking powder
¼ teaspoon salt
1 cup chocolate chips
½ cup chopped nuts

Cream butter and honey. Add eggs, beat well. Add dry ingredients and fold in chocolate chips and nuts.

Chill. Drop on greased cookie sheets. Bake at 350 degrees for 12 minutes. Makes 4 dozen.

Gladys Stelfon
Spring Grove

LOLLIPOP COOKIES

1 cup butter
1½ cups firmly packed brown sugar
2 eggs
2½ cups all-purpose flour
2 teaspoons baking powder
1 teaspoon cinnamon
1 teaspoon nutmeg
½ teaspoon salt
¼ teaspoon baking soda
¼ cup milk
2½ cups quick oats, uncooked
Wooden sticks
Cookie decorations

Cream butter until fluffy. Add sugar and beat until light and fluffy. Beat in eggs. Combine dry ingredients; add to creamed mixture alternately with milk. Stir in oats. Chill dough 1 to 2 hours for ease in handling. Preheat oven to 375 degrees. Roll dough with your hands into 1½-inch diameter balls. Place about 3 inches apart on unbuttered cookie sheet. Insert wooden stick halfway into each ball of dough. Dip a flat-bottomed glass in sugar, then use to flatten cookies. Decorate as desired. Bake 13 to 15 minutes, or until golden brown. Cool slightly, then remove from cookie sheet and cool completely on wire rack. Store at room temperature in airtight metal container up to two weeks.

Shannon Peterman
Lycoming Co. Dairy Princess

SUGAR COOKIES

1 cup shortening
2 cups sugar, granulated or light brown
2 eggs
5 cups flour
1 teaspoon salt
1½ teaspoons baking powder
1 teaspoon soda
¼ cup milk
1 teaspoon vanilla

Cream shortening and sugar together. Add flavoring. Use half butter for good flavor. Add eggs and beat until fluffy. Sift flour.

Measure and add salt, soda, and baking powder. Sift again.

Add sifted dry ingredients alternately with milk.

Stir until dough is smooth. Chill in refrigerator for several hours. Roll out to ¼-inch thickness and cut in fancy shapes.

Place 1-inch apart on greased cookie sheet and bake at 400 degrees for 8 to 10 minutes. Makes about 6 dozen cookies.

Allison Martin
Lebanon Co. Dairy Maid

It's beginning to look a lot like Christmas with an array of Christmas cookies.

MAGIC PEANUT BUTTER MIDDLES

Cookie Dough:
1½ cups flour
½ cup unsweetened cocoa
½ teapsoon baking soda
½ cup sugar
½ cup brown sugar
½ cup butter, softened
¼ cup peanut butter
1 teaspoon vanilla
1 egg

Filling:
¾ cup peanut butter
¾ cup confectioners sugar

In small bowl, combine flour, cocoa and baking soda. Set aside. In large bowl, beat sugar, brown sugar, butter, and ¼ cup peanut butter until light and fluffy. Add vanilla and egg. Beat well. Stir in flour mixture until blended. Set aside. In small bowl, combine filling ingredients. Blend well. Roll into 30 1-inch balls.

For each cookie, with floured hands, shape about 1 tablespoonful dough around 1 peanut butter ball covering completely. Place 2-inches apart on ungreased cookie sheet. Flatten with bottom of a glass dipped in sugar. Bake at 375 degrees for 7 to 9 minutes or until set and slightly cracked. Cool on wire racks. Serve with a tall glass of milk.

Michelle Ryan
Dauphin Co. Dairy Princess

(Turn to Page B8)

Look for special holiday packaging for milk, butter, sour cream and cottage cheese featuring seasonal recipes.

For baking convenience, look for unquartered butter. Besides being an excellent value the pound shape can be easily cut in measures for baking.

Recipe Topics

If you have recipes for the topics listed below, please share them with us. We welcome your recipes, but ask that you include accurate measurements, a complete list of ingredients and clear instructions with each recipe you submit. Send your recipes to Lou Ann Good, Lancaster Farming, P.O. Box 609, Ephrata, PA 17522. Recipes should reach our office one week before publishing date.

December
21- Fireside Treats
28- Ideas For Leftovers

January
4- Lo-Cal Recipes
11- Mushroom Ideas

Featured Recipe

"Christmas is almost here. And there's no better present to give than a gift from the heart of your kitchen," says Shannon Peterman, Lycoming County Dairy Princess.

Shannon is a Penn State sophomore enrolled in ag economics. She owns 20 of the 70 cows on her parents' 168-acre farm, Kendell and Cheryl Peterman.

"Food gifts are fun to make and give during the holiday season," Shannon says.

They are also a great way to get your kids involved in the kitchen and holiday festivities. They are economical and a nice way to say, "Happy Holidays," to friends, neighbors, and teachers, as well as, hosts and hostesses.

Try this recipe from Shannon.

WALNUT FROSTIES

2 cups flour
½ teaspoon baking soda
¼ teaspoon salt
1 cup packed brown sugar
½ cup butter
1 egg
1 teaspoon vanilla

Filling:
1 cup chopped walnuts
½ cup brown sugar
¼ cup sour cream

Combine cookie ingredients, blend at low speed. Shape dough into 1-inch balls, place the balls on an ungreased cookie sheet and make a depression in the center of the cookie. Mix filling and place 1 teaspoon walnut filling inside depression. Bake at 350 degrees for 12 to 14 minutes until delicately browned.

Use Popcorn To Make This Holiday House

It's beginning to look a lot like Christmas. The telltale signs are clear — a crispness in the air, the bustle of holiday shoppers and the aroma of freshly baked treats in the kitchen.

While families across the country usher in the season with their own special traditions, the Orville Redenbacher family will be "popping up" tried-and-true favorites in anticipation of the holidays. From decorating the Christmas tree with strings of popping corn to creating popcorn ball ornaments, popcorn has always played an important role in enhancing the holiday mood.

In fact, one of the Redenbachers' favorite holiday traditions is the making of Orville's Gingercorn House. This decorative house can be used as a holiday centerpiece for the home or a festive addition to a holiday party.

And all members of the family will enjoy creating and decorating this edible masterpiece. People of all ages will be simply "a'maize'd" by what they can create with popcorn kernels. No matter the level of artistic ability, creating with corn is easy with freshly popped Orville Redenbacher's® Gourmet® Popping Corn, a few simple ingredients and the following recipe for success.

ORVILLE'S GINGERCORN HOUSE

3 batches (6 slabs) Orville's Gingercorn, recipe follows
1 batch Orville's House Frosting, recipe follows
Large pieces corrugated cardboard
Masking tape
Assorted candies for decoration: such as gumdrops, licorice, pastels, jelly beans, red hots and Boston baked beans.

ORVILLE'S GINGERCORN

6 quarts popped Orville Redenbacher's® Gourmet® Popping Corn
3 cups sugar
¾ cup light corn syrup
3 tablespoons EACH: butter and water
¾ tablespoons EACH: cream of tartar and salt
1 ½ tablespoons cinnamon
1 tablespoon ginger
1 ½ teaspoons baking soda
1 teaspoon nutmeg

In large bowl, place popped corn; set aside. Lightly grease two 15x10-inch jelly roll pans. In Dutch oven, bring sugar, corn syrup, butter, water, cream of tartar and salt to a boil. Boil rapidly until mixture reaches hard ball stage (250° F on candy thermometer); remove from heat. In small bowl, combine remaining ingredients; add to boiled mixture. Pour over popped corn, tossing gently to coat. Pour into prepared jelly roll pans and pat to even layer. Let cool 15-30 minutes. Cover loosely and set aside. Makes 1 batch (2 popcorn slabs).

ORVILLE'S HOUSE FROSTING

6 egg whites, at room temperature
2 pounds confectioner's sugar
1 cup cocoa
1 teaspoon cream of tartar

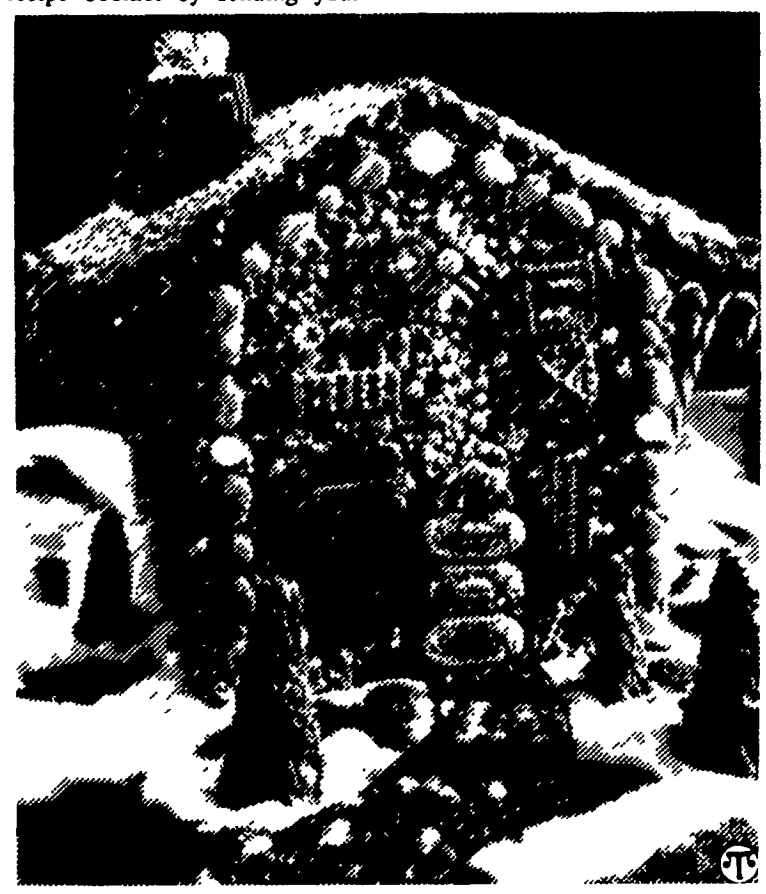
In medium bowl, with an electric mixer, beat egg whites until stiff peaks form. Gradually add sugar, cocoa and cream of tartar, beating until icing is stiff enough to hold its shape.

Place sheet of plastic wrap on icing surface to keep from drying out. Makes 4 cups.

ASSEMBLY:

1. Measure and cut four 15x10-inch rectangles out of cardboard to form the side walls and roof of house.
2. Measure and cut two 5-sided forms with the following dimensions: 10x10x10x5x5-inch. These form the front and back walls of house. If desired, cut out front door and windows.
3. Masking tape house into place using two fivesided forms as front and back walls, two 15x10-inch rectangles for side walls and two 15x10-inch rectangles for sloping roof.
4. Spread medium-thick layer of Orville's House Frosting on front of cardboard house. Cut and fit popcorn slab to front. Continue until all popcorn slabs have been fitted with frosting onto house. If desired, trim roof's overhang slightly.
5. Using remaining frosting to secure candy decorations, decorate house as desired. Refrigerate remaining frosting for "repairs."
6. House should remain intact minimum 5 days in moderate to low humidity if kept out of direct sunlight. In more humid climate, spray house with shellac before decorating. If using shellac, DO NOT EAT HOUSE.

For more fun popcorn recipes, write for your own copy of the "Orville Redenbacher's® Gourmet® Guide to Popping Corn" recipe booklet by sending your name and address, along with 75 cents for postage and handling, to: Orville Cookbook Offer, P.O. Box 8534, Young America, MN 55351-8534.



Popcorn makes this intricate-looking house easy to make.

Merry Christmas

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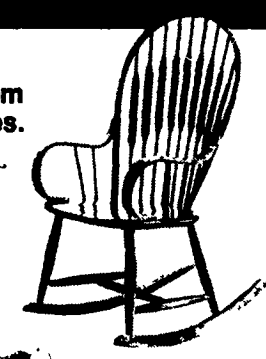

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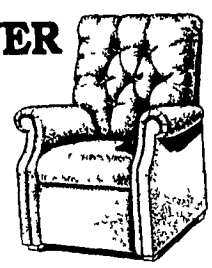

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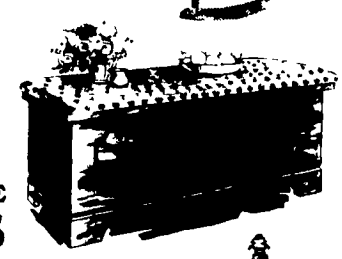

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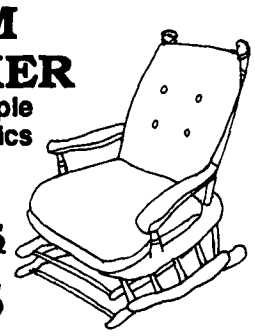

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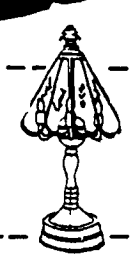

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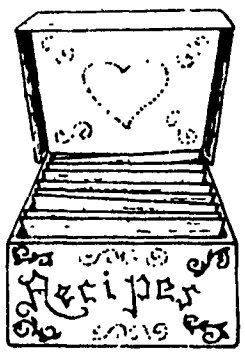

Cook's Question Corner

If you are looking for a recipe but can't find it, send your recipe request to Cook's Question Corner, in care of Lancaster Farming, P.O. Box 609, Ephrata, PA 17522. There's no need to send a SASE. If we receive an answer to your question, we will publish it as soon as possible.

Answers to recipe requests should be sent to the same address.

QUESTION — Nancy Kramer, Newmanstown, would like low cholesterol and low sodium recipes for restricted diets. Keep sending recipes that will be printed in a January column.

QUESTION — Janet Speck, Hopewell, N.J., would like a German recipe for pickling pigs feet in a gallon jar.

QUESTION — A Glen Rock reader would like a recipe for dill green tomatoes.

QUESTION — Beth Coyne, Downingtown, writes that she has a Chambers stove from the early 1950s. Its features include a soup well and a broiler/griddle. She would like information on parts and operating instructions. Send name and address only.

QUESTION — Blanche Morgan, Hegins, would like a recipe named The Cake of the Year, which appeared in a woman's magazine in the late 1940s or early '50s. She recalls that it was an easy recipe with mostly 1 cup, 1 teaspoon and 1 tablespoon measurements.

QUESTION — Marian Mosemann, Lehighton, would like jam and jelly recipes for ground cherries and for American persimmons.

QUESTION — Mrs. Lewis Kofron, Claymont, De., would like a recipe for rice dressing used for Cornish hens.

QUESTION — G. Snyder, Mechanicsburg, would like recipes for Cashew Nougats and for Peanut Butter Nougats that taste like those made by Archway and sold in the stores during the Christmas holidays.

QUESTION — James Everich, Allentown, N.J., would like a recipe for cheese stuffing.

QUESTION — Janice Toleno, Allentown, N.J., would like the recipe for pierogies that appeared in this column within the past two years. The recipe calls for cottage cheese in the dough. Janice said that she has tried several recipes but this one was absolutely the best!

QUESTION — Margaret Gockley, Mohnton, requests the peanut butter and jelly cookie recipe that appeared in this section a few weeks ago.

QUESTION — Betty Loump, Bernville, would like a recipe for a good soft molasses cookie. She would also like to know the best type of molasses to use.

QUESTION — B. Smith, Jonestown, would like to know how to make baler-twine wreaths. Must the twine be washed or cleaned before making?

QUESTION — Eva Burrell, Glen Gardner, N.J., would like help with the recipe called "Believe It or Not Bouncing Snowball bouquet." The recipe appeared several years ago in this column. It uses citric acid crystals and baking soda to make mothballs bounce in a centerpiece. Unfortunately, the recipe that Eva has does not work. I recall that some others reported difficulty with the recipe. Someone said the reason was that today's mothballs are missing an ingredient that was formerly in the old style. I think the solution was mailed to us, but I can't find the answer in our files. Does anyone know the solution?

QUESTION — Christine Rudolph, New Oxford, would like a recipe for pork bologna without beef. She would like the smoking temperatures and times, if possible.

QUESTION — Mrs. Christ Miller, Paradise, would like a recipe for baked oatmeal.

QUESTION — Mrs. Norman Brown, Clemonten, N.J., would like to know where cracked wheat can be purchased. She said baking supply warehouses do not carry it. It's as hard as uncooked rice. Ground up, cracked wheat makes delicious cookies.

QUESTION — Jean Delp, Salem, N.J., would like a recipe for a deep fried cookie-type dessert called boogie or bow tie. It's similar to pie crust or cookie dough rolled ¼ -inch thick, cut 1x3-inch with the ends pulled through a slit in the center of the dough.

QUESTION — Carmen LaCava from Tabor, S.D., wrote that her family is grateful for this paper that keeps them informed of what's happening in Pennsylvania. Carmen would like a recipe for chalk.

ANSWER — For the reader who wanted to know how to make jams and jellies without pectins, Fern Freeman, Elliotsburg, writes that jam and jellies can be made by the cup-for-cup method. For example, 6 cups mashed peaches and 6 cups sugar, cooked until desired consistency makes peach butter. Pear butter can be made the same way. Use sour cherries for cherry hash; use sweet cherries for cherry preserves. Any fruit juices such as black raspberry and grape can be combined with equal amounts of sugar and boil until it spins a thread. Make grape butter by combining 1 quart grapes with 1 quart sugar and 3 tablespoons water — boil for six minutes. Put through a sieve or food mill. Jar and seal.

ANSWER — Louise Andrews requested a recipe for spiced, canned peaches. Thanks to Kathy Erickson, Chesterfield, N.J., who sent a recipe that she developed through trial and error and proclaims it the "tastiest spiced peach recipe that she has ever tried." She said that it is very good with roast pork or lamb. If you cannot find McCormick spice, do not substitute a mixed spice with dill as it will taste awful, she warns.

Spiced Peaches

About 25 whole, medium peaches peeled with water to cover to prevent browning.

2 tablespoons McCormick mixed pickling spice
2 cups water
3 cups white vinegar
5 cups sugar

Place spices in a piece of cheesecloth and tie in a bag. In a large pot, combine two cups water, the sugar and vinegar; add the spice bag, bring to a boil. Add drained peaches and bring to a second boil, reduce heat and simmer 10 to 20 minutes until peaches are tender. Pack in hot sterilized pint jars. Fill with hot syrup and seal. Makes about 8 pints.

ANSWER — Thanks to Ruth Deihl, Irvona; Julia Shaull; Mariani Hursh, Ephrata; and Greta Dise, Glen Rock, for sending recipes for Samuel Cacciutti, Bala Cynwyd, who wanted to know how to make homemade soap. If you need more information, write to Greta Dise, R.4, Box 4975, Glen Rock, Pa. 17327. Julia Shaull adds perfume for fragrance. She adds it when the mixture is almost cool. Ruth Diehl writes that rain water should be used for a mild soap and the best job.

Homemade Soap

4 cups rendered fat
½ cup lye (Red Devil, found in grocery store next to Liquid Plumber)
1½ cups water

In one glass container, measure 1½ cups cold soft water, after donning rubber gloves. Slowly, add ½ cup dry flaked lye, stirring with a wooden spoon until the lye is dissolved because of a powerful chemical reaction, the water will quickly heat until it steams, sometimes reaching 200 degrees. use extreme caution when handling lye in any form.

In another container, measure 4 cups melted tallow (beef fat) which has been previously cleaned and strained. Set aside both solutions to cool to lukewarm, lye 90 to 95 degrees, fat 120 to 130 degrees.

While waiting for solutions to cool, liberally grease the molds with petroleum jelly. You can use a glass baking dish for this. After you make a few batches, you can experiment with other molds like candy molds.

When the lye-water and fat reach the correct temperature, pour the lye slowly into the fat, stirring constantly. When the lye mixes with the fat, a chemical reaction known as saponification occurs. As the mixture is stirred, it will become cloudy, then somewhat grainy. As it approaches the pouring stage, it will thicken like cooked pudding.

The amount of stirring required depends on the temperature of the solutions. It can be as short as 5 minutes or as long as one hour. I find that it is usually about 45 minutes. I also find that the last 5 minutes is when it really thickens and sometimes I wait too long before pouring into a mold, but I have never had a batch fail. About 2 hours later, take a sharp knife and slice into bar size pieces.

After 24 hours, the soap should be hard and easily removed from the mold. Although soap hardens in a short time, it should be cured before using. In a cool place, stack the bars brick-like with spaces between for good air flow. After 3 to 4 weeks in open air, the soap is ready to use.

(Turn to Page B9)

Cookie

(Continued from Page B6)

SANTA-FACE COOKIES

1 cup butter
½ cup granulated sugar
½ cup brown sugar
2 tablespoons milk
1 teaspoon vanilla extract
2½ cups flour
Currants
Red cinnamon candies
Food colorings
Miniature marshmallows
Decorator's frosting

Cream butter until fluffy. Gradually beat in sugars until light and fluffy. Mix in milk and vanilla. Mix in flour. Chill dough 1 to 2 hours for ease in handling. Preheat oven to 375 degrees. Work with about one-third dough at a time, leaving remainder in refrigerator. Roll on lightly floured surface to ¼ -inch thickness. Cut into Santa Faces using floured cookie cutter. Place on unbuttered cookie sheets. Make face using currants for eyes, a cinnamon candy for a nose. Paint cap and mouth using red food coloring diluted with water to desired shade. Paint eyebrows using brown food coloring diluted with water to desired shade. Paint eyebrows using brown food coloring or cocoa powder and water mixture. To make curly beard, press small pieces of dough through a garlic press. Place on cookie to form a beard. Bake 10 to 12 minutes, or until cookies are golden. Cool on pan 1 minute. Remove from pan and cool completely on wire racks. Place 3 to 4 miniature marshmallows at end of hat for tassel; secure with small amount of decorator's frosting. Store at room temperature in airtight metal container up to two weeks.

Carrie Bryant
Wayne Co. Dairy Princess

CHRISTMAS COOKIES

1 cup butter
1 cup brown sugar
2 eggs, well beaten
½ cup milk
Pinch salt
1 teaspoon baking soda
1 teaspoon vanilla
3 cups flour
1 pound cut-up dates
½ pound candied cherries, cut up
½ pound candied pineapple, cut up
2 cups nuts, cut up

Cream sugar and butter; add eggs, milk, and dry ingredients. Add nuts and fruits. Drop on greased cookie sheet and bake at 350 to 375 degrees until lightly browned.

Fern Freeman
Elliotsburg

PERSIMMON COOKIES

2 cups sugar
1 cup shortening
4 cups flour
2 eggs
2 cups persimmon pulp
2 cups raisins
2 cups nuts
2 teaspoons baking soda dissolved in persimmon pulp
½ teaspoon cloves
½ teaspoon cinnamon
½ teaspoon nutmeg
1 teaspoon salt

Cream shortening and sugar. Add nuts and raisins to flour and spices. Beat eggs and add to pulp. Combine dry ingredients. Mix. Drop on greased cookie sheet. Bake about 350 degrees for 12 to 15 minutes.

Fern Schlegel
Dalmatia

(Turn to Page B9)

Christmas Baking

(Continued from Page B8)

GOOEY BUTTER BALLS

Crust:
1 package yellow cake mix
½ cup butter
1 large egg
1 tablespoon water

Mix together at low speed until crumbly, about 4 minutes. Press into bottom of oblong baking pan; set aside.

Topping:
1 8-ounce package cream cheese, softened
1 pound box confectioners sugar
2 large eggs
1 teaspoon vanilla

Cream confectioners sugar and cream cheese together. Add eggs and vanilla; beat until smooth.

Pour over crust pressed into pan and bake for 30 minutes in middle of oven. Cool on wire rack, dust top with confectioners sugar. Cut into 1x3-inch bars. Must be stored in refrigerator in a tight container.

Variations: change flavor by using spice, chocolate or lemon cake mix.

These are sinfully delicious.

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CRAN-RASPERRY BUTTER BARS

Crust:
½ cup sliced blanched almonds
2 tablespoons confectioners sugar
½ cup plus 2 tablespoons butter, softened
2 tablespoons granulated sugar
1 cup all-purpose flour

Topping:
4 egg yolks
1 tablespoon sugar
½ cup cran-raspberry juice concentrate, thawed
¼ cup butter
Dash salt
10 drops red food coloring
Fresh raspberries, if desired
Fresh mint, if desired

Preheat oven to 325 degrees. For crust, place almonds on a cookie sheet. Toast 6 to 8 minutes or until lightly browned, stirring once. Cool.

Finely chop almonds and confectioners sugar in food processor; set aside. Cream butter. Add granulated sugar and milk until light and fluffy. Stir in flour and nut mixture. Line bottom and 2 sides of an 8-inch square baking pan with aluminum foil. Pat dough evenly into prepared pan. Prick dough all over with tines of a fork. Bake 30 to 35 minutes or until edges are light brown and top is still pale.

For topping, combine egg yolks and sugar in saucepan. Stir in juice concentrate, butter, and salt. Cook over medium heat, stirring constantly with a wire whisk, 6 to 8 minutes or until thickened. Do not boil. Remove from heat. Stir in food color. Spread mixture over crust. Return to oven for 5 minutes. Cool. Cut into bars. Serve garnished with fresh raspberries and mint.

DOUBLE CHOCOLATE GLAZED WAFERS

Cookies:
1¼ cups walnut pieces, divided
¼ cup unsweetened cocoa
½ cup plus 2 tablespoons butter, softened
⅓ cup confectioners sugar
½ cup granulated sugar
¾ cup flour

Glaze:
3-ounces semi-sweet chocolate
3 tablespoons butter, softened
½ teaspoon light corn syrup
½ teaspoon vanilla extract

Preheat oven to 325 degrees. Toast walnuts for 8 to 10 minutes on cookie sheet, stirring once. Cool. Place ½ cup toasted walnuts and cocoa in food processor; cover. Process until nuts are finely chopped; set aside. Cream butter in small mixer bowl. Gradually add sugars to butter. Beat until fluffy. Stir in flour and chopped nut mixture; mix well. Shape dough into 1-inch balls. Place on unbuttered cookie sheets 2 inches apart. Flatten dough to 1½-inch diameter using a flat bottom glass dipped in granulated sugar. Bake 20 to 25 minutes. Cool.

For glaze, melt chocolate in microwave, stirring every 15 seconds. Remove from microwave just before chocolate is completely melted. Stir in butter until melted. Stir in corn syrup and vanilla. Coarsely chop remaining ¼ cup walnuts; set aside. Spread glaze on each cookie. Sprinkle with nuts. Allow glaze to set at room temperature overnight or refrigerate 30 minutes.

Cook's Question

(Continued from Page B8)

ANSWER — Becky Nelson, Dresher, wanted a recipe for George Washington cake that has a pie crust base, cake with a mild spice center and chocolate icing. Thanks to an anonymous reader for sending in the recipe she believes Becky wants.

Washington Pie

Mix up dough for a double pie crust, but line a 10x8x2-inch pan with the dough. Fill with the following:

Soak enough stale white bread to make about 5 cups, pressed out, and add:

1½ cups sugar
2 cups applesauce
1 cup seedless raisins
½ cup molasses
1 teaspoon vanilla
1 teaspoon salt
4 teaspoons cinnamon
½ teaspoon nutmeg
½ teaspoon cloves
¼ cup milk

Stir ingredients well and fill lined pan. Add top crust and pinch together. Bake at 325 degrees for 50 to 60 minutes. Cool and frost. Cut in 2-inch squares.

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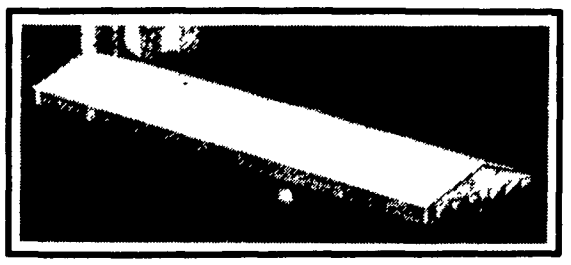
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Kid's Korner

Never Too Young To Work Toward Goals

Linda Williams
Bedford Co. Correspondent

BEDFORD (Bedford Co.) — "I'm a fifth generation dairy farmer and proud of it," says Bedford County's second dairy maid, Janelle Koontz, daughter of Wayne and Kathy Koontz.

Janelle lives on the farm started by her great-great-grandfather. It is known as Stan-El Jerseys located at Bedford RD 4.

At 13, Janelle has two Jersey cows of her own. "Actually 2½," she laughs. "I am working to pay off my third cow."

"She is working," agrees her dad. Janelle does all of the entries for the Stan-El Jerseys, helps with feeding and silo filling, and is on hand for the milking every Sunday and any other day she is needed.

Being busy on the farm doesn't stop her from excelling in outside activities. She participates in Odessey of the Mind, and, last year attended the Pennsylvania Junior Academy of Science. There, Janelle won top honors for her project of BST studies.

BST is a subject that is very controversial in farming today. It involves giving a cow hormone shots to increase milk production. Some think this is good and others think it is bad. Janelle presented both sides of the story.

To complete her research in this field, she worked with a professor at Penn State University. "The professor told me he had only worked with graduate students on a project of this magnitude before," she says.

"I also realize that my generation is inheriting an environment with a lot of problems," Janelle says. For this reason, she participates in Environthon, a young people's group involved in cleaning the environment.

She urges her peers not to smoke and to stay out of the sun as much as possible through being a member of the Young Against Cancer organization.

Despite all this, Bedford County's Dairy Maid finds time to sing in the choir at the Yeager Lutheran Church and is also a frequent soloist. She is a member of the honor society and on the Bedford Middle School Yearbook Staff and captain of her cheerleading squad.

As the Dairy Maid, it has been her job this year to hand out thousands of pamphlets at fairs, festivals, and parades.

"My goal," she admits, smiling broadly, "is to some day be the Jersey Jug Queen."

Already well on her way, Janelle has a room full of trophies she has won for her cows, Sweet Potato and Sweet and Sour. Until this year, her cows had produced a number of bull calves, including twins, born on Janelle's birthday.

This year, however, Sweet Potato, presented Janelle with her first heifer calf.

"Of course Jerseys are my favorite," she says. "That's what my family has always had. But, as the dairy maid, I can't promote any one breed of cows. I would like people to know, however, that there are brown cows. Many seem to think that all cows are black and white.

"But," admits this bright young lady, "I do have a higher goal than being any kind of a dairy queen. I want to eventually attend college to be a veterinarian. I know it will be tough. But, with hard work, I think I can do it."

Janelle and the Koontz family border collie

Janelle brushing one of the young calves at the Stan-El Jersey Farm located at Bedford RD 4.

Bottle feeding her first heifer calf.

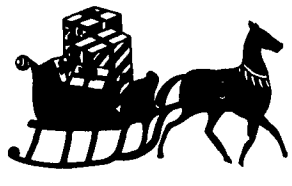
Readers Write

Dear Readers,

I am 10 years old. I live on a dairy farm. I have two brothers and two sisters: Brenda, 11; Nelson Ray, 8; Norman, 6; and Joanne, 2. We milk 44 cows. We have eight calves. I like to feed them. I like washing dishes. My birthday is November 6. My jobs in the evening are washing dishes and sweeping the floor. We put a conveyer in the barn.

I like school. My grandma has a store. I help her. Sometimes I bag candy. Daddy shot a goose for Sunday dinner. We have a lot of fun playing our new game called "Operation."

Sandra Jane Brubaker
Wolmelsdorf



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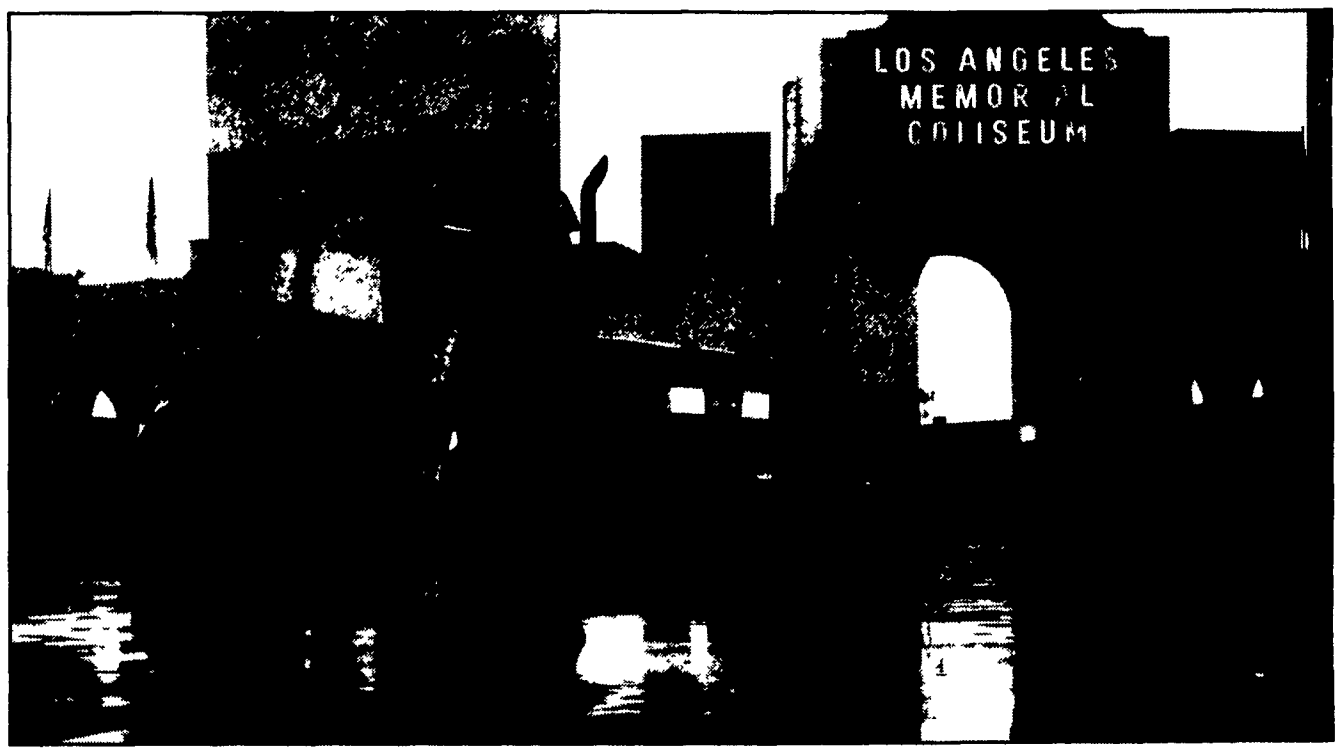

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National 4-H Contestant Learns Food Skills At Early Age

GAY N. BROWNLEE
Somerset Co. Correspondent

BERLIN (Somerset Co.)—Michele Countryman says, "When I was little, I liked to put seeds in the ground and come back a couple of weeks later and they would be growing. I loved it."

Her involvement with foods began when she was six years old.

Recently returned from the National 4-H Congress in Chicago, Michele, 16, was the Pennsylvania State winner in food conservation, preservation and safety program.

Because she has developed a strong fondness for homegrown vegetables, the Berlin-Brothers Valley High School junior confesses while grinning shyly, "Lots of times I don't eat the vegetables served at school," adding that they lack the good flavor she is used to having in her vegetables.

Michele says, and her mother, Linda Countryman, agrees, that when Linda gets called out to the barn during the middle of some cooking project they've got going, Michele takes over and finishes the job alone. The women grow, can and freeze their own vegetables. They also put up lots of fruit during the season.

Linda says she knew nothing about canning until her marriage to David Countryman, following which his mother taught her all about it. When Linda looks at her daughter's accomplishments at such a young age, one can see pride beaming from the mother's face.

During her 4-H years with the Milksquirts, Michele has completed 12 food projects from canning hundreds of quarts of food for her family, to mall promotions, donating her baked goods to agriculture, civic events, walk-a-thons, and fairs. She has taught classes on breads. Her pupils distributed the fresh loaves to area elderly persons. During the last year Michele has won numerous "firsts" and "seconds" in various baking competitions.

Michele is exchanging recipes with the 4-H Minnesota exchange guest from last summer and has a favorite recipe she likes to make for her family. Find it at the end of the story.

Getting her driver's license last September was a plus for the family. No longer a chauffeur for Michele, Linda says I can just say "Goodbye" when she (Michele) has to go some place.

Michele is very active in the Dairy Bowl, Farm City Week, Junior Holstein Association, Students Against Driving Drunk, local and county 4-H council, Ski Club, Forensics and Youth Traffic Safety Council. Oh, yes, she likes to go hunting and has bagged both a buck and a doe deer.

Following her own attendance at Vacation Bible School, she became an assistant during the sessions. "I like working with little kids," she says. She reported that one time she took a live lamb to show the children. "I was scared. I thought he'd take off running through the church."

"I would like to stay with the 4-H program and combine it with agriculture," says Michele, when discussing her future with the hope of attending Penn State University from which her bother, Michael, recently graduated.

She also has one sister, Mindi, who is in the fourth grade.

Michele might be young, but that doesn't keep her from being an expert at canning food.

When preparing for competition at the state level, Michele says she was initially overwhelmed by the information requested on the white form with regard to the history of her 4-H projects. She says it was much more detailed than she expected. But she had kept good records, and, by taking it step by step, she managed to complete it on time.

Michele was one of 43 4-H'ers in the state to attend the 4-H Congress. They were selected from 117,000 state members.

Here is one of Michele's favorite recipes:

SPECIAL K BARS

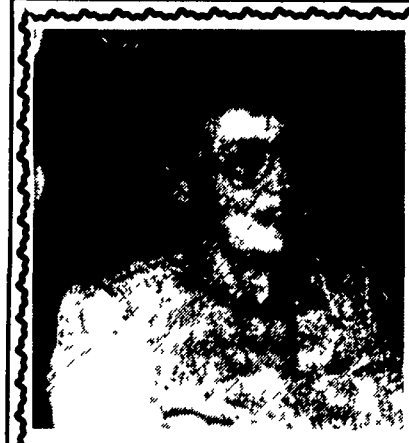
Bring to a light boil: 1 cup white sugar, ½ cup light Karo syrup, ½ cup dark Karo syrup.

Add: 1 cup creamy/crunchy peanut butter, stir until melted.

Add: 4-5 cups Special K cereal and stir until coated.

Press into 9x13-inch cake pan (well-greased).

melt over a double-boiler: 1 cup each of chocolate chips and butterscotch chips. When set, use mixture to frost the candy.



Ida's Notebook

Ida Risser

Time to send Christmas greetings. As I go over my mailing list and delete the names of those who have passed on I am glad that it is only a few. To mail 100 cards, I must spend almost as much for postage as for the cards.

When you find a letter with a 1-2- or 3-cent stamp you know that you've found an old one. My mother-in-law received many post cards and she kept them. Now when I look through the book that I've put them in, I see that most Christmas cards from 1905 to 1910 had one cent stamps. And, they mostly pictured angels and holly on the front.

It appears that communication was mainly carried on by mail. The messages on the front and on the back often say, "I'll meet you at the trolley Friday night" or "Come for Sunday dinner." Nowadays we do write letters but more often we pick up the telephone to deliver a message.

Keeping records of address changes of far-flung relatives and friends is a job. And, then there is the decisions to be made about sending to those who never return a card. One must take into consideration their age and health as they probably would like to receive a card and a note. Writing notes in the cards is what really takes time. This year I should send ours early so as to give people our new address.

It is not only time to send cards but also time to hunt the Christmas decorations. It will be a challenge to decorate our new home. But since we've invited all our relatives again this season, I think that I'd better get started.

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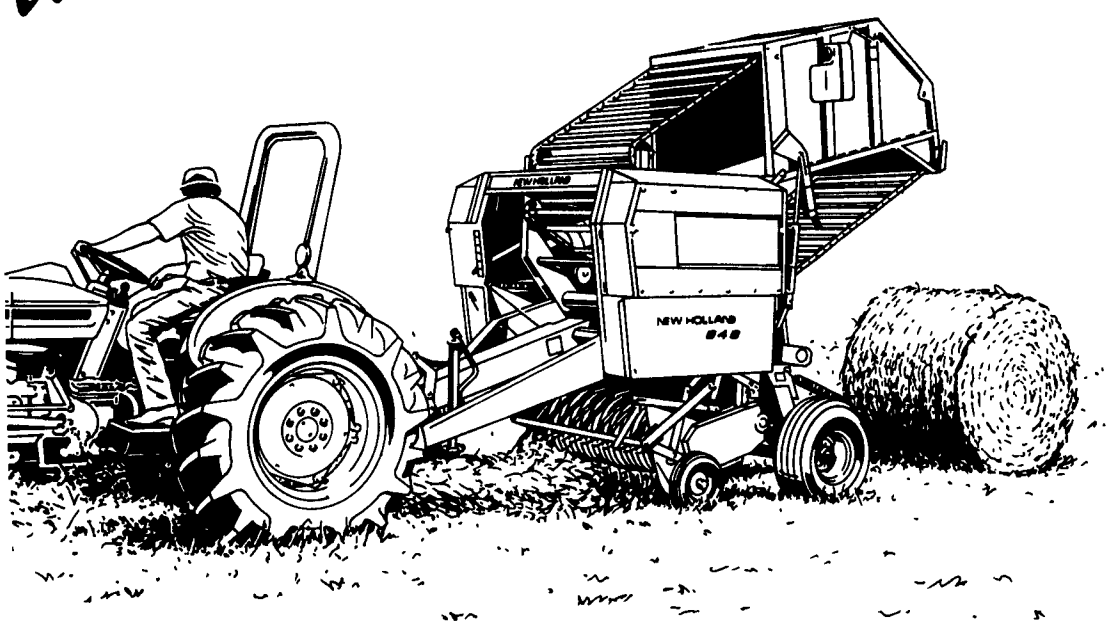

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On being a farm wife - And other hazards

Joyce Bupp

Christmas began last week. At least for me.

It didn't feel at all "Christmasy" in September when two boxes of holiday greeting cards went into my shopping cart. But I was still smug about getting at least that much of a head start.

And, it didn't feel any more "Christmasy" in October when tinsel and candles began edging out the Halloween candy displays in area stores.

It did feel more seasonal when a five-minute "snowstorm" cascaded flakes upon us early one morning last week, leaving behind just enough dusting to set us cross-country ski buffs whining for more.

But the replacement of the gold-colored, paper-twist bow on the front door grapevine wreath with a bright, cheery red one finally did it.

In a "Christmasy" mood, the cat and I trekked to the attic to haul down the two big cardboard boxes that warehouse the holiday decorations. After a quick inventory of wrapping paper supplies, something moved me to peek into two smaller boxes of tree ornaments.

That collection of ornaments is a heart-warming cross-section of our lives. Each shiny ball, wooden cutout, delicate needlepoint, and soft "Christmasy" shape has its own special story.

Only the very oldest ornaments were purchased, by a young bride-to-be, from a neighbor's household sale. A mere few of those shiny, fragile, painted-glass balls and bells remain, prized survivors of years of inquisitive children, tree-climbing housecats and a butter-fingered tree trimmer.

Most of the remainder of the treasured assortment were shared as gifts, many handcrafted with love, along with a few of our own creations.

Soft, stuffed shapes of colored felt were one item this younger-then mother could craft, so that tiny fingers could touch, remove, rehang and be part of decorating our trees. Tin-punched canning jar lids, in a frame of gathered lace and designed by a friend, are equally unbreakable by toddler tree trimmers.

An assortment of bears came later, tiny, cuddly pandas of white and black pom-poms, a honey-colored addition of craft chenille, and wiggly-eyed brown bears of felt, boys dressed in blue overalls and girls in pink-ribboned lace.

Punch-out, colored-cardboard birds are a more recent addition. Gifts of good friends and fellow birders, the blue sky, cardinal and chickadees lend a nature effect.

Crocheted snowflakes, from the busy fingers of a crafty aunt, add a dainty touch to our tree of memory ornaments. A plastic creche was a gift from Sunday School teachers to one of our small youngsters many years ago. And a tiny, black, locomotive remains the lone survivor of a miniature train set which once belonged to our youngest farmer. Tied with a bit of red ribbon, it finds a second life as a visible memory.

So does a new addition, joining the ornamental "herd" of various sorts of black and white cows. We have cows wearing tiny Santa hats and skis. A miniscule wooden pull-toy cow. Cows with gold-colored, Swiss-type bells adorning their necks. Shiny, cow-shaped cookie cutters. A wooden cow from a carving shop in Switzerland. And the latest, a plastic cow from a child's farm set.

This cow turned up in a spadeful of soil I turned over one day in the perennial border, and dates to who-knows-when. Even after repeated soakings and scrubbings, its plastic coat remains embedded with permanent soil stains.

One sheep grazes the tree, too, of black cardboard body, plumply wrapped with ivory-shaded knitting yarn and decked out with a perky, red bow.

Watching over them all is a contingent of Santas, one of flat felt, another chubby with velvety coat, still another of a bear Santa adjusting his hat before a shiny mirror. Predating them all is the small plastic Santa, a squeeze toy from our firstborn's first Christmas.

Our memory ornaments are unpacked and waiting; it feels "Christmasy."

Bring in the tree.

Stop Junk Mail

YORK (York Co.) — Reducing the amount of junk mail you receive can be a continuous job. Even though you have written the Direct Marketing Association (DMA) and requested that your name be removed from their mailing lists, you may continue to get some unsolicited material from businesses and organizations. There are several reasons this could be happening says A. Joan Lamberson, family living agent for Penn State Cooperative Extension. First of all, the organizations that you are receiving mail from may not be members of the Direct Marketing Association. For example, political organizations, charities, and religious groups are not members of DMA. Also, local merchants are not likely to be members.

A second reason could be because you have purchased something from a company. If you have made a single purchase from a member company of the DMA, your name will remain on their mailing list because you are considered a customer. This is also true for companies with whom you have a personal charge account. If you wish to discontinue getting catalogs from them, you will need to write or call the company directly.

Each time you make a purchase with your credit card by telephone or order an item by mail from a new company, you risk having your name rented or sold. To prevent this, whenever you make a purchase from a new company or catalog, request that your name not be shared (sold or rented) with another organization. To facilitate this for you, many mail order blanks now contain a statement and a box that can be checked if you do not want your name shared.

If the amount of unsolicited mail you receive is getting out of control, you might consider having readily available several postcards with a simple statement such as "Please remove my name from your mailing list." Whenever you receive a catalog or other unsolicited mail, you can simply cut and tape in the appropriate places the sender's address and your address as it appears on the mail received and mail the card to the company. Better yet, if the company has a toll-free number, call them.

To request that your name be removed from national mailing lists write:

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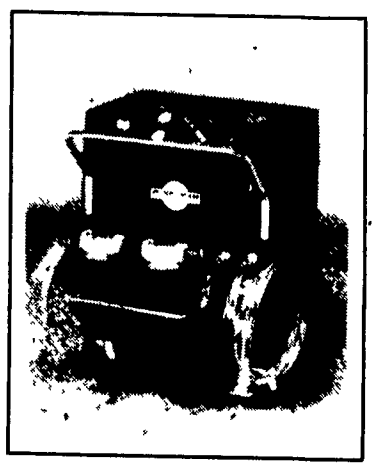

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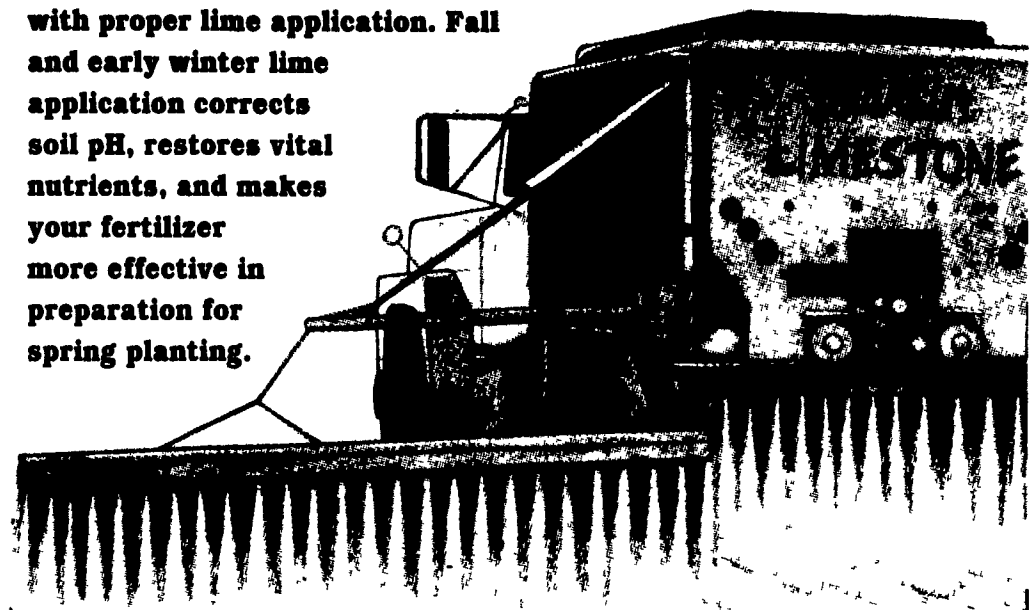

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TAKING TIME

by Rebecca Escott

Extension Home Economist

Family Holiday Times

It's less than two weeks until Christmas! Where has the time gone? In the hustle and bustle, it is very important to plan some time for your family — fun times, not those family obligations that may be done out of duty rather than by choice.

As I was thinking about what families might do together, I remembered a wonderful childhood tradition of mine — making paper chains. We used to spend several days pasting together strips of colored paper, then the huge chains were wrapped around the bannisters in our front hall or draped across the limbs of our tree.

I also thought about how families could use the tradition of making paper chains as a countdown to Christmas Day or New Year's Day. It could also be a way to draw families closer together. As a group, cut strips of paper to use as links in a chain. You may want each person to choose a certain color to represent himself or herself. (One year we actually wrote our names on the links. We also wrote the names of all our pets and distant relatives. It was quite a production!)

Set aside one set of strips as "family activity strips". On these slips of paper, write activity suggestions like "Sing a holiday carol together", "Each person recall a favorite holiday memory", "What is your favorite cookie?", "Read a holiday story together", "Cut out paper snowflakes", "Light candles and turn out the house lights", "Talk about one idea to create peace", and "Reuse containers and paper to wrap presents".

Once the strips are labeled (enough for every day between now and the 25th), place them in a jar or basket. Each day ask a member to select one slip. As a family, do the activity described. This way you build in some family time each day. Then as you complete each one, add this paper link and one link from each family member to the chain. This activity will lead you through the last days until Christmas. As the chain gets longer, I hope your anticipation will also increase.

Special family times may be the highlight of your month.

Some of the greatest disappointments for parents of young children revolve around the issue of Santa Claus. The youngest babies scream when placed on Santa's lap for the "ideal" photo, and elementary school children begin to brag about how "Santa Claus isn't real!" These are disappointments for parents who dream up storybook holidays. Fortunately somewhere in between these stages is a wonderful childhood age filled with magic.

Let me give you parents a few pointers so you know what to expect. Until age two, the holiday rituals will mean very little to a child. (Your cuddling and special attention is always appreciated, though.) They WILL like the bright lights and wrappers. Remember, they learn by touching and tasting. Try to find a few plastic ornaments that are safe for them, and place them on the low branches of the tree where they can touch them.

Three-year olds begin to recognize that Santa brings gifts. They make that connection particularly if they have older brothers and sisters who are writing wish lists. The four and five year olds are the children who enthusiastically dictate letters and request the traditional stories be told again and again.

Fortunately, children don't lose faith in their parents when the "truth" comes out as many adults fear. And besides, what is the truth? Have you watched Miracle of 34th Street or read The Polar Express recently?

I encourage you to spend time during the next couple weeks with family and friends that you love. Remind yourself about the things that really matter about this holiday season.

Rebecca Escott is a Home Economist with Penn State Cooperative Extension in Lehigh County.

Students Compete In National Food Contest

ALEXANDRIA, VA. — The Pennsylvania FFA Association will be competing in the National FFA Foods Contest November 14th in Kansas City, Mo. during the 64th National FFA Convention.

The members of the Pennsylvania FFA Dairy Foods Team are Stacey Graves of Cowanesque Valley, Margaret Yarmush of Twin Valley, and Shad Bean of Reynolds High School. The team is coached by Clair Zerby, Cowanesque Valley agriculture teacher.

Contest participants test 10 milk samples on their flavor, taste and smell, besides taking an identification quiz on 10 different types of cheeses. They also judge five sediment pads which are scored on their degree of sediment according to the USDA sediment standards for milk and milk products. Students are given 18 minutes to evaluate eight milk samples using the California Mastitis test.

In addition to performing hands-on tasks that rate the quality of milk, participants will be given two tests. One test deals with five milker part units which are to be evaluated by students and then scored on the number and severity of defects. A 50-question written test will also be given in order to test the participants knowledge of milk production and milk marketing.

The National FFA Dairy Foods Contest is sponsored by Mid-America Dairymen, Inc. and Patz Sales, Inc. as a special project of the National FFA Foundation, Inc.

FFA is a national organization of 382,200 members in 7,776 local chapters preparing for leadership and careers in the science, business and technology of agriculture. Local, state and national activities and award programs provide opportunities for students to apply knowledge and skills acquired through agricultural education. FFA members strive to develop agricultural leadership, cooperation and citizenship.

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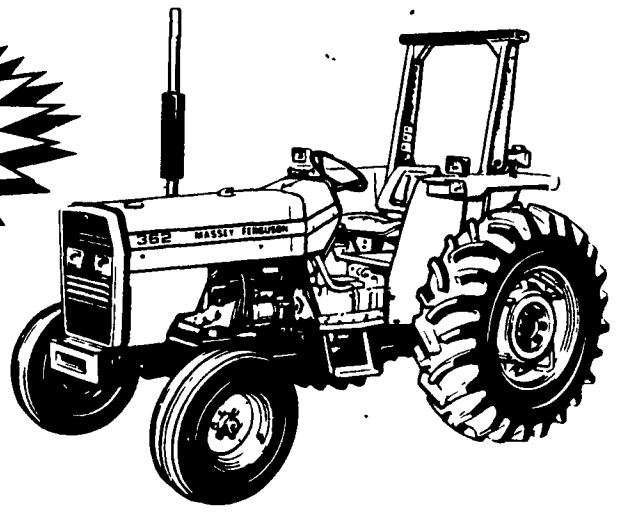

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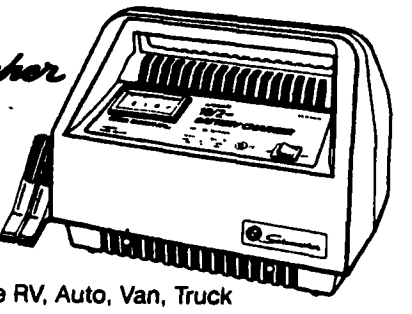

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Bedford Village Glows With Holiday Joy

LINDA WILLIAMS
Bedford Co. Correspondent

BEDFORD (Bedford Co.) — December weekends at Old Bedford Village are ablaze with luminaries while Christmas trees in log houses remind us of Christmas past.

Handmade decorations on these trees constitute hours of work contributed by homemakers of Extension groups from Centerville, Everett, Glade Pike, and Southern Cove.

Vi Laws coordinated this year's project. Trees, table, and hutch decorations are featured in four of the Village's log cabins, the Village church and tavern.

Each house has a theme. Centerville decorated log cabin number one with an assortment of angels made from recycled bits of fabric, wood shavings, sheep wool, crochet yarn, and corn husks.

Chairing this tree were Sue Greise and Betty Varner.

Log cabin #2, was chaired by Terry Mearkle and Madeline Wackenhuth of Everett. While the tree does include old time ornaments, the main focus of this house is a handmade five pointed star quilt.

An assortment of gingerbread boys and girls adorn the tree in the house chaired by Janice Kennedy and Elizabeth of Southern Cove.

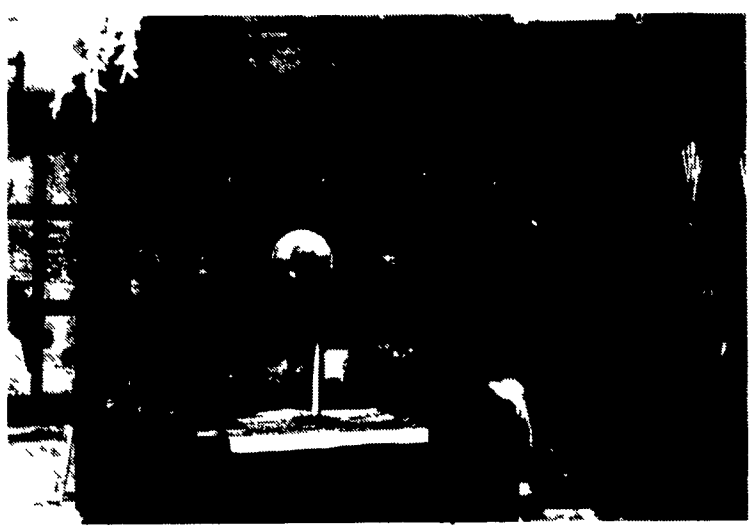
Tiny wreaths, hand punched tin, muslin angels, and corn cob reindeer, make up the decorations for the tree created by Glade Pike under the decoration of Chris and Mary Hess.

Some of the Extension groups work throughout the year while others concentrate on cramming in November.

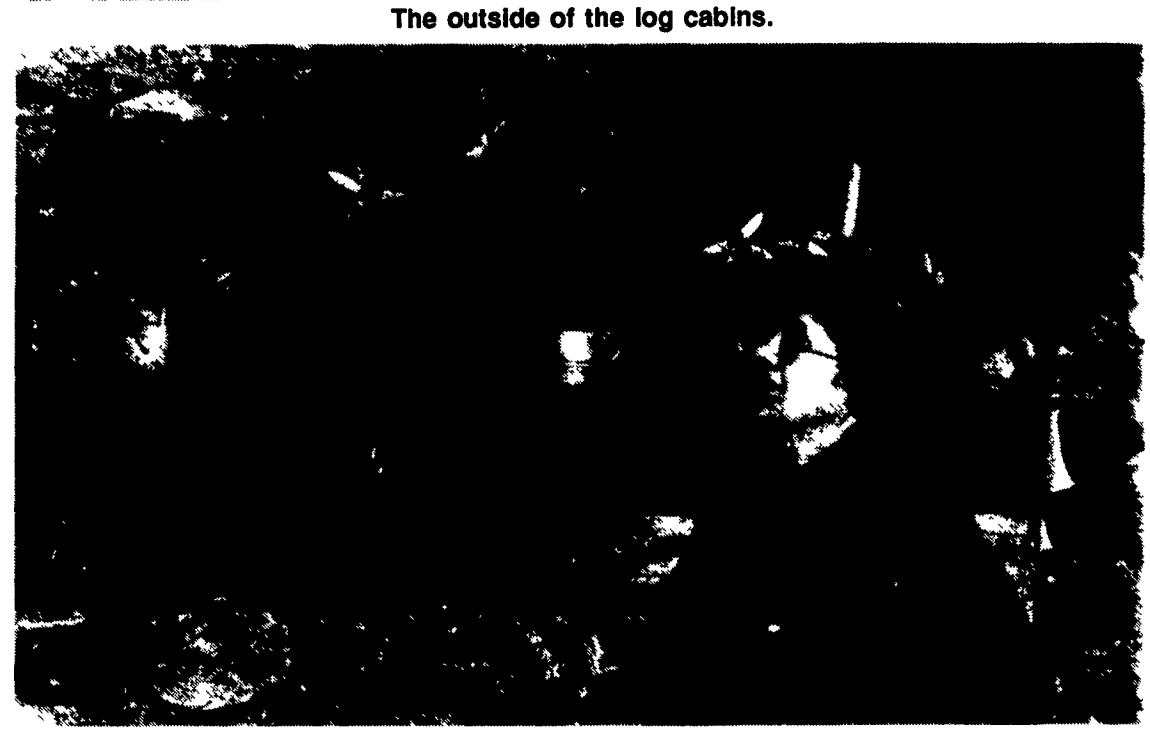
The Village celebration begins the first weekend in December and continues until the end of the month.

Other features include a Christmas play at the Village theatre, a live Nativity scene, Christmas carolers and plays at the Village church, and, weather permitting, sleigh rides or ice skating.

The outside of the log cabins.



A hutch in one of the log houses.



Frances Sigel places Christmas on the mantel.

Christmas Show Packed With Ideas, Gifts

LOU ANN GOOD
Lancaster Farming Staff

HARRISBURG (Dauphin Co.) — If you are looking for the unusual, the new or the old, the eighth annual Christmas Show was the place to be. The five-day show opened December 4 in the Pennsylvania Farm Show Complex with more than 400 vendors. Reportedly the largest Christmas Show on the East Coast, the annual show features ice shows, musical entertainment, and decorating and cooking demonstrations.

Thousands daily jam the complex to buy gifts or to get ideas for making their own. Entertainment this year included 125-food train display set up by the Reading Company Technical and Historical Society, an ice show four times daily by former Ice Capades skater Terry Lynn and a cast of seven skaters, and numerous musical groups.

Many of the stands offer free taste-testing samples of jellies, candies, nuts, and beverages. Fragrance pottery seem to be a big hit this year. The pottery vials and vases are specially fired to be porous so that it absorbs the perfume oils and releases the fragrance slowly. Light rings made from pottery can be filled with oil and placed over a light bulb release fragrances and are safer to use than the potpourri burners.

Here are a few pictures from the Christmas Show.

Debbie DeWire displays olde tyme accessories at her from her shop Antique and Collectibles in Lewisburg.

Smucker's Quilts showed heirloom quality quilts, wall hangings, pillows, and potholders in intricate designs and vibrant colors.

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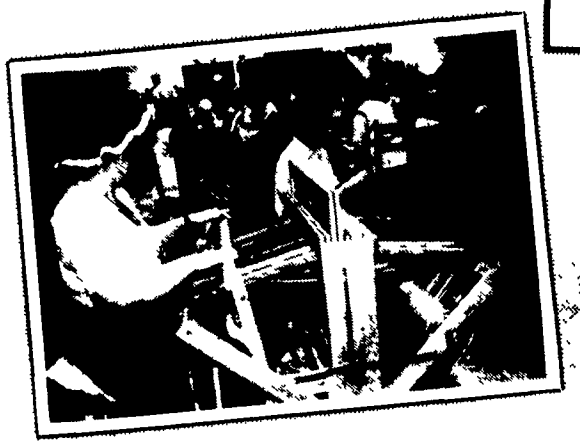

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Have You Heard?

By Doris Thomas

Lancaster Extension Home Economist

A Santa Sack Full of Holidav Gift Ideas

This holiday season you need look no farther than your favorite housewares department for the perfect gift.

Time-starved consumers who are hungry for healthful meals will appreciate items such as juice extractors that quickly turn a favorite fruit or vegetable into a healthy drink. Non-electric stovetop grills, stir fry pans and woks are perfect for creating dishes low in calories but high in flavor. Almost-instant marinizers condense the overnight process of marinating meat down to just three minutes.

Health-conscious eaters and choco-holics alike will love the Greater Grater, a hand-held appliance that can convert spices, peppercorn, cheese, nuts and chocolate to grated particles. And, while it won't add anything to the taste, the Tater Twister will certainly increase food's eye appeal. Vegetables can be transfommed into spirals, twists and curls.

There's gift inspiration in the housewares department even for those on your Christmas list whose cooking skills do not extend beyond boiling water. Teakettles are making a fashion statement, in styles that range from the functional to the fantastic. Art deco styling, bright colors, harmonica whistles and unusual handles are just a few of the innovations. In the lighthearted category is the Kettle O'-Fish, complete with a fishtail-shaped handle and clear bubbles coming out of the spout. In a more serious vein are teakettles created by renowned architects and designers. The results transfomm a functional kitchen accessory into an art form.

Other holiday gift ideas include home hair cutting kits, complete with video instructions, corrugated storage boxes in decorator patterns and colors, and picture frames, particularly those designed to display children's photos.

The discerning hostess who enjoys setting a table with flair can never have enough napkin rings. Many of the newest are designed to coordinate with dinnerware or table linens. Others duplicate the motifs of popular china patterns. Themed napkin rings, including Southwest motifs, fish, leaves, ducks, and holiday designs, add a touch of whimsy to the table.

Plan Ahead For Positive Mental Outlook

Although holidays are usually considered a happy time of the year, many people feel depressed during the holiday season.

Depression can be caused by stress, useless gifts, or stretched finances, time and energy. Decide what you can afford, then as you shop, keep within your money plan.

Continue daily decision-making and problem-solving. Putting off decisions until after the holidays only makes the job harder and the let-down greater.

Do not take a guilt trip. If you have neglected relatives or friends during the year, you may feel guilty and try to make it up to these people. Just remember that giving of yourself occurs all year long.

Get away from the hustle and bustle of the holidays. You need some time each day away from people, noise, and the stimulation that is especially strong during the holidays. A few quiet minutes can refresh you for several hours.

Finally, do not look for miracles or changes to begin next year. If you want life to be different, begin now. Surviving the holidays involves a realistic look at time, energy and money resources, as well as a willingness to stay within your limitations.

Physicians Advised Of Porky's New Image

CHICAGO, Il. — Meat's positive role in healthful diets was strongly emphasized to physicians recently, thanks to articles in the October 1991 issue of Hippocrates magazines. This monthly publication is distributed to approximately 120,000 physicians across the country.

In the issue, titled "Foods to Live By," beef and pork are fairly portrayed as components of a balanced and varied diet. The articles contain both positive and negative comments, they conclude that meat is often misunderstood and can withstand nutritional scrutiny.

"Far from being an unwholesome product, beef rates high in protein, thiamine, riboflavin, niacin, vitamin B12, iron and zinc," states one article, called "The Other Side of Beef." In the article, Mary Winston, a nutritionist for the American Heart Association, states that the association "is very enthused with what the cattle industry has done" to reduce the amount of fat in beef products.

Another article, called "Porky's New Image," helps put to rest the perception that pork is too fat. The article states that the least fatty part of the pig, the tenderloin, is roughly equivalent to roasted chicken breast in calories, and just slightly higher in fat.

"In 25 years, pork chops have lost half of their fat and a third of their calories," the article goes on to note. "Pigs will be even leaner in the future," it states, as technology moves to produce hogs with a fraction of the fat.

CHRISTMAS

The Lancaster County Cow

The beautiful Lancaster County Cow with her distinctive "Garden Spot" markings make her a prize winner. She was created by Pennsylvnaia artist David Frame and will be available in a 16"x20" limited edition, signed, lithographic print for only $55.

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14" Wood Cutting Air Band Saw For $399.00 In Last Week's Issue Of Lancaster Farming Should Read:
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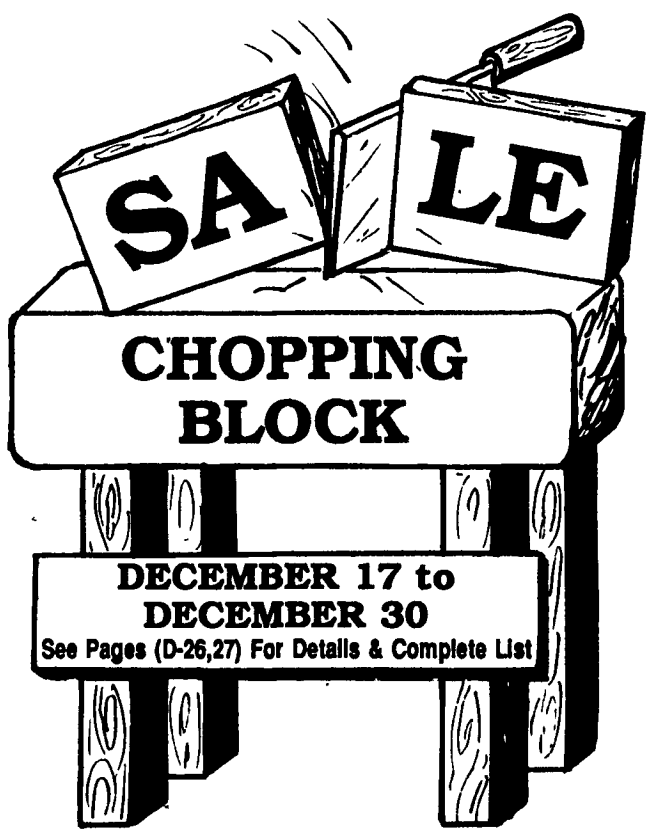

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4-H HAPPENINGS

National Companies Recognize 4-H'ers

National companies support 4-H through educational materials, scholarships, and member project awards. Pins are awarded to recognize good record keeping, variety of 4-H experiences and development of skills.

The Warren County 4-H'ers were recognized at the Rotary 4-H Awards night held recently at the 4-H Center. The 1992 county winners are American Quarter Horse - Heather Sleeman, Kevin Deeter, Joanna Carr, Heather Hetrick; swine - Pfizer U.S. Animal Health and National Pork Producers - Eric Morton, Jamie Salapek, Mark Lauffenburger, Brice Allen; McCalls Pattern Company and Vicking White Sewing Machine Company - Fashion Revue, Jolynne and Paula Brown, Tracy and Carey Black, Brenda Ludwick. Coats and Clark and Singer Company - Clothing — Tracy and Carey Black, Julie Martin and Paula Brown.

Firestone Trust Fund - leadership - Jolynne Brown, Andy VanOrd, Heather Sleeman, Tracy Baker; American Cyanamid Co. and Land O'Lakes - dairy - Jolynne Brown, Tom and Paula Brown and Carrie Swanson; Case International and Purina Mills Inc. - agriculture - Tom Brown, John Lyon, Mark Lauffenburger, Richard Gilkinson; Ford Motor Co. - achievement - Mindy Landers, Pam Lyon and Tonya Gilkinson; John Deere - conservation, Diana Wolbert; International Paper Company - forestry - Chris Carlson and Diana Wolbert; Coca Cola Company - citizenship - Wendy Gilkinson and Julie Stoddard; UnoCal - public speaking - Andy VanOrd; Eastman Kodak Company - photography - Mindy Landers; and General Motors Corp. - safety - Chris Carlson.

The Warren Rotary Club and 4-H Development Council sponsored these awards: recreation - Tracy Baker, Caroline Gourley; oxen - Jared and Steve VanOrd, James and Matthew Tower; sheep - Josh and Kyle Anderson, Pam Lyon, and Jenny Eckman; and beef - Jessie Lookenhouse, Hobart Carr, John Dailey, Caroline Gourley.

According to Phyllis Wright, extension agent, members complete extensivë "blue form records" to compete at the county, state and national level. National winners attend 4-H Congress held in Chicago, Ill., each December.

Erie County 4-H'ers Recognized At Awards Dinner

The 1991 achievements of more than 100 Erie County 4-H members were recognized at the recent Erie County 4-H Achievement Night held at Seneca High School. Members were recognized for their outstanding project accomplishments, as well as for their participation in leadership, citizenship, and personal development events and activities.

The event, coordinated by volunteer leader Janice Bennett of Waterford, featured a dinner sponsored in part by the Erie County 4-H Development Committee and its program donors. The evening's program brought together 4-H'ers and their families for recognition and fellowship, and it helped all of those in attendance achieve a better and more complete understanding of the breadth and scope of the 4-H program here in Erie County, around the state, and across the nation.

Among those recognized during the program was Heather Bennett, a member of the Bucking Broncos 4-H Club, Waterford. Bennett received recognition as one of Erie County's 1991 outstanding 4-H members, as well as for her accomplishments in the county, state, and national 4-H Achievement awards programs, her role as 4-H camp counselor, and her involvement in national-level horse-related contests, including the 1991 Eastern National 4-H Horse Roundup's Team presentation contest.

Robin Laniewski, Edinboro, a member of the Cloverleaf Riders 4-H Club, also received recognition as one of the county's outstanding 4-H members. Laniewski was the county winner in the horse category of the national 4-H awards program, competed with Bennett in the team presentation contest at the 1991 Eastern National 4-H Horse Roundup, and served as a 4-H camp counselor and a participant in the 1991 regional 4-H teen weekend. Laniewski also served as president of her local 4-H club and represented the county in district and state 4-H horse shows.

Stacy Lugaila, a member of the Beef Wranglers 4-H Club, Waterford, was recognized for submitting the county's most outstanding secretary's book, and Jessica Hanlin, a member of the Cloverleaf Riders 4-H Club. Missy Wycech, Wesleyville, a member of the Tally Ho 4-H Club, was also recognized.

According to Carolyn L. Belczyk, extension agent - 4-H with the Erie County Cooperative Extension Office, the event was very successful and well received by 4-H members and their families. Anyone interested in more information about 4-H may contact Belczyk at the extension office.

PFA Awards Achievement Certificate

CAMP HILL (Cumberland Co.) — Gary Gillespie of York Springs has been awarded the Certificate of Achievement for 1991 from the farm management services of the Pennsylvania Farmers' Association (PFA).

The award was presented in recognition of achieving the sign-up goal of new cooperators in PFA's Farm Management and Business Analysis Service (FMBAService).

Gillespie is a senior FMBAService account supervisor, serving cooperators in Adams, Cumberland, and York counties. Gillespie has nine years of service with FMBAService

Gillespie is also an enrolled agent with the Internal Revenue Service.

FMBAService has 37 account supervisors with nearly 500 years of staff experience since its beginning in 1957. FMBAService now serves more than 5,000 farm families in Pennsylvania. FMBAService account supervisors provide PFA cooperator families with confidential, on-farm tax planning and preparation, farm management, business analysis, and farm financial planning services.

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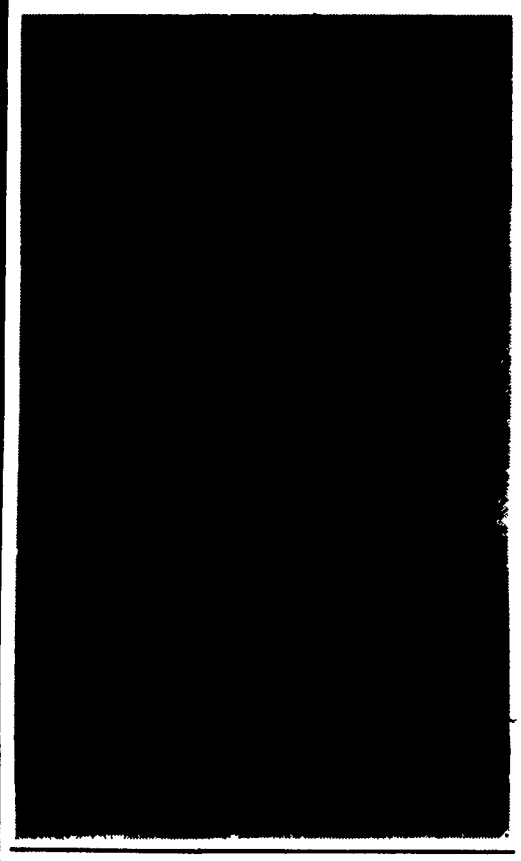

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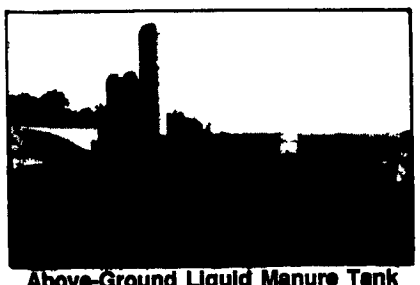
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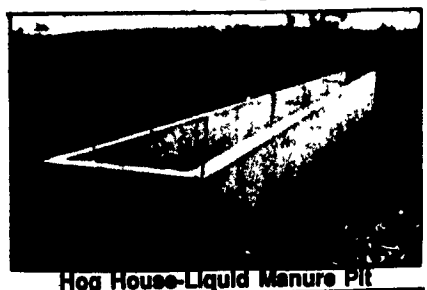
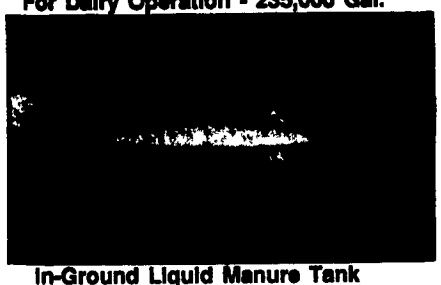

Hog House-Liquid Manure Pit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Septage Haulers Develop Inspection Standards

GUY TEMPLE
PSU Extension Agent

LEWISBURG (Union Co.) — A seemingly small, but an important, step is being made in protecting our environment.

The step is being taken by the private sector and is aimed at homes with septic systems. The Pennsylvania Septage Haulers Association has developed inspection standards for septic tanks.

It is a system that should be applauded by all who are connected in any way with home sales. Some Pennsylvania home buyers, bankers and realtors are now using the system.

Beginning in 1968, Pennsylvania required a permit for the proper installation of a septic system in new and remodeled homes. However, there is no required inspection or assurance of a properly functioning septic system for those individuals buying a pre-1986 home, or a home whose previous owners mistreated or did not maintain the septic system.

There has not even been an agreement on factors that should be considered in such an inspection program.

The Pennsylvania Septage Haulers Association has developed an inspection and certification program for the use of their members and others who want to use the inspection standards they have developed.

Now many of you who moved to or built a home in the countryside say that one of the reasons you moved was to get away from costly sewage bills. This is apparent when reviewing census data.

The latest census data indicates that the major population growth in Pennsylvania has taken place in townships of the second class. In some cases those new homeowners have their waste systems tied into a waste treatment plant.

However, in many cases the new homes are served by an individual on-lot septic system.

If you are a new homeowner, do you know where your septic system is located? Even more important, is it operating properly?

Most people take it for granted that the system will operate forever without any maintenance. Septic systems are no different than any other systems, they need to be maintained. When did you last check your system or do anything toward maintaining the system?

If you haven't checked your system lately, it may be polluting you and your neighbor's environment.

Some townships are now requiring that septic tanks be pumped each two or three years. Some realtors and bankers are now requiring that a septic system be checked prior to a sale.

Inspections are being done by plumbers, septage haulers and others, but there is no consistent list of items to be checked. Sometimes the inspection consists of flushing the toilet several times and if there is no overflow in the septic tank drainfield area, it's assumed that the system is operating correctly.

The Pennsylvania Septage Haulers Association realized that proper inspections were not being made and determined to develop a certification system.

Several of their progressive members developed a checklist that could be used for a complete inspection of septic systems. They brought that list to cooperative extension and asked for assistance in determining if the inspection listing was adequate.

Area extension agents asked Paul Robillard, assistant professor, Agricultural and Biological Engineering, Penn State, to help with the certification program.

Paul worked with the group and the association now has a certification program that several of their members and haulers have adopted. Inspection is now being requested by bankers, realtors, home buyers and others.

For those readers who may be contemplating buying a home, such an inspection could save you many dollars. Many home buyers will pay to have a home checked for adequate electric wiring, water supply (if it is in the country) and maybe even for termites.

A malfunctioning septic system could be the most costly of those items to repair. It could be anywhere from $3,000 to $15,000, in addition to the frustration and the inconvenience.

You can lessen the chances of the financial burden of a failed system through a septic system inspection. The Pennsylvania Septage Management Association provides home owners with consistent inspection guidelines.

Those haulers, following the guidelines, will, for a fee, pump your tank, inspect the system and determine if it is functioning properly. Sometimes inspection fees are negotiated in the real estate closing costs.

The process is simple. The information gained for the seller and the buyer is invaluable. It provides each with knowledge about the type and condition of the components of the septic system of the property being considered, as determined by a professional who maintains septic systems.

A system inspector with information on age of the septic system, household size, maintenance records, etc., plus a thorough inspection, can determine the likelihood of a failed system, and even more importantly, an independent contractor can use the background information to estimate renovation or replacement costs.

Ultimately, each of these advantages assures both a buyer and a seller that a home has an adequate, correctly maintained system that meets a family's wastewater disposal needs.

A septic certification is not a warranty or guarantee that the system will operate properly in the future. Inspectors can only evaluate the system based on present characteristics and their experience and expertise with on-lot systems.

However, an inspection can red flag any potential problems and prevent the potential home buyer from wasting time and money replacing a failed system in a newly purchased home.

Too, an inspection can assist all home owners to determine if a system is in need of maintenance and avoid more costly repairs in the future.

The inspection is similar to the required inspection of an automobile. It is not a guarantee or warranty that the car will operate trouble free for the next year.

It does, however point out potential trouble spots requiring immediate repair, and perhaps avoid a major repair at a later date.

Those septage haulers who are not presently aware of, or using the system, may also want to look at the inspection and certification system and make it a part of their service to their customers.

This is a good step by private interests in the further protection of our environment. It is especially interesting that the septage haulers of the state have taken this step before the public interest has required it. Wouldn't it be great if more of the private sector took such steps?

For those haulers interested in more information write to the Pennsylvania Septage Management Association, RR 3, Box 3231, Moscow, PA 18444.

For homeowners or others wanting the same type of information contact your local Penn State Cooperative Extension office.

FFA HAPPENINGS

Made For Excellence In New Jersey

FFA members from across New Jersey and neighboring states will be gathering in Somerset on February 21-22, 1992 to learn techniques for dealing with peer pressure and on how to set and achieve goals at the National FFA Organization's Made For Excellence (MFE) seminar.

The two-day MFE personal development program also features attitude workshops that are designed to help members achieve "gold medal" success in life. This year's theme is "The Olympic Challenge." A portion of the registration fee will be donated to the 1992 United States Olympic Team.

Thirty-four MFE conferences will be held in 29 states during the 1991-92 school year. More than 5,500 junior high and high school students are expected to attend. FFA advisors attend an MFE for Teachers seminar held in conjunction with the MFE program for students.

"Made For Excellence is an exceptional opportunity for many FFA members to participate in a national conference without the expense of leaving their home state," said Kipling Godwin, MFE Program Manager. "These conferences bring out the very best in the students and advisors who participate."

MFE program staff members are college students who are former state or national FFA officers. Many staff members have also worked as counselors for the Washington Conference Program, FFA's national leadership seminar held in Washington, D.C., each summer.

FFA is a national organization of 382,748 members in 7,744 local chapters preparing for leadership and careers in the science, business, and technology of agriculture. Local, state, and national activities and award programs provide opportunities for students to apply knowledge and skills acquired through agricultural education. FFA members strive to develop agricultural leadership, cooperation, and citizenship.

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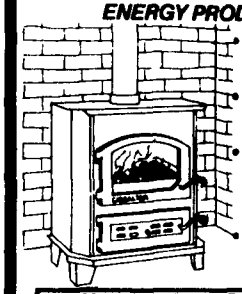
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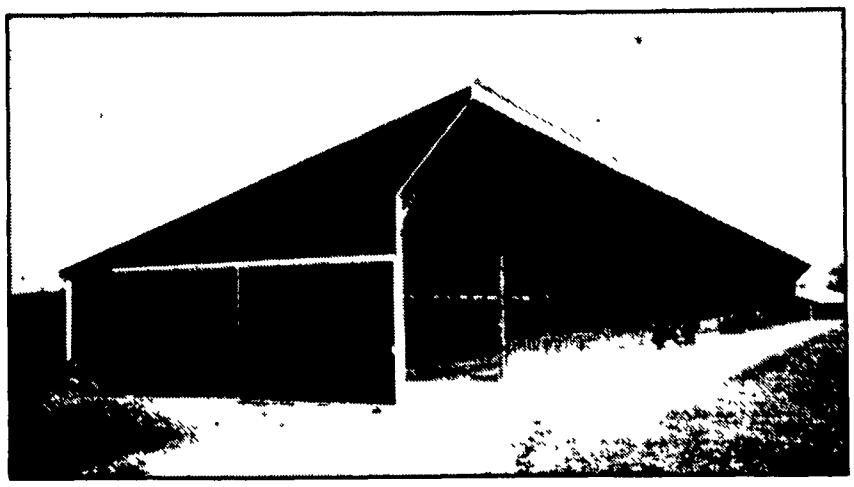
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Feed Exports Not Likely To Increase

WASHINGTON, D.C. — New markets, a dismantling of the Government Grain Board, the elimination of export taxes, privatization of the railroads, inflation down from 1,800 percent to less than 10 percent and the list goes on.

These are some of the dramatic changes occurring in Argentina that may affect the country's agriculture and the way it competes for world wheat, soybean, corn, and sorghum markets with the U.S.

A fact-finding mission sponsored by the U.S. Feed Grains Council recently returned from Argentina. The purpose of the mission was to assess changes occurring in Argentina and evaluate implications for U.S. feed grains exports.

Since 1980, Argentina's production and export of feed grains has declined more than 50 percent, while production and export of oilseeds (soybeans and sunflowers) has increased. Following the 1980 embargo, Argentina made significant sales of feed grains to the Soviet Union, filling the vacuum left behind by the United States.

While U.S. farmers struggled to find alternate markets, Argentina was selling at record levels — more than 560 million bushels. But in the years since 1980, things have changed. The USSR has once again become a U.S. market and Argentina has had to turn elsewhere.

"The Argentines quite candidly told us that in recent years they have been basically limited to selling into markets that the United States can't get into for either policy or economic reasons," said Darrel Rammeyer, a member of the fact-finding mission and the Illinois Corn Marketing Board.

"While the Argentines are very efficient in their production and excellent managers, they face some severe limitations to expanding their exports," said Rod Swanson, mission member representing the Nebraska Corn Board. "Take, for example, the USSR. As soon as that became a credit market instead of a cash market, the Argentines were left out because they do not have any sales tools like the GSM credit guarantee program."

In 1991, Argentina produced more than 380 million bushels of corn and sorghum, over half of which (223 million bushels) went for export. In contrast, the United States exported nearly 2 billion bushels, nearly 10 times Argentina's exports.

"Some of Argentina's best markets in the past few years have been those that we can't sell to because of foreign policy restrictions," said Kammeyer. "These include Cuba, Iraq and Iran."

"Brazil is probably the best market Argentina has," said Swanson. "We have trouble competing there because Argentina has a freight advantage over us as well as a tariff advantage."

New markets are not the only change facing farmers in Argentina. Perhaps the most dramatic change has come in the Argentine economy. "The current government has taken the bull by the horns to get inflation under control," said Hiram Christopherson, mission member from the Minnesota Corn Council. "They also have taken deregulation to the extreme and, together, have turned the entire economy around.

"While we were there, they just had announced a complete elimination of the government-run grain board. This is a big change, but everyone we spoke with was very positive and enthusiastic about the changes and about the economy and the job that the government is doing," said Christopherson.

The mission also found that grain production in Argentina is inextricably linked with beef production. Both enterprises are set up to complement each other — to spread costs and diversify risk.

"We had heard 80 much about the Argentines not using fertilizers to produce their corn," said Swanson, "and that is true. What we have not heard is they have developed a very sophisticated land rotation system where land is rotated between fallow and pasture over three to five years to allow for the natural buildup of nutrients from legume crops and manure. It is then put back into a crop rotation for three years. They, in fact, do use fertilizers, but they get them in a much different manner than we do."

"By the same token," said Christopherson, "we have heard so often that the Argentines do not use grain to finish their beef animals. Again, they don't in the same way we do but they mix oats, barley, and other small grains in their pasture system so, indeed, there is a grain component going into the beef production system."

The mission concluded that Argentina will continue to be a low-cost producer of grains, but did not foresee any dramatic increase in grain production or grain exports from Argentina in the short term, even in response to improvements in economic conditions.

"Argentina's acreage in crop production has been fairly stable over the past 20 years and based on what we saw and learned, we think that stability will continue," said Rammeyer. "Argentina will continue to be an exporter of corn and some sorghum, but these changes are too new and there are too many unanswered questions for producers to risk expanding production or acreage."

The fact-finding mission also visited and evaluated Brazil and Mexico. A full report of its findings as well as conclusions and recommendations has been prepared and will be presented to the board of directors of the U.S. Feed Grains Council.

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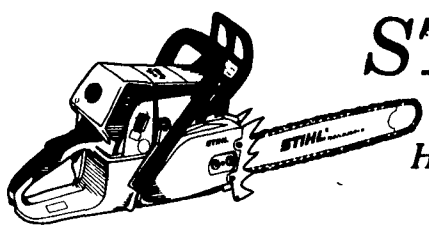

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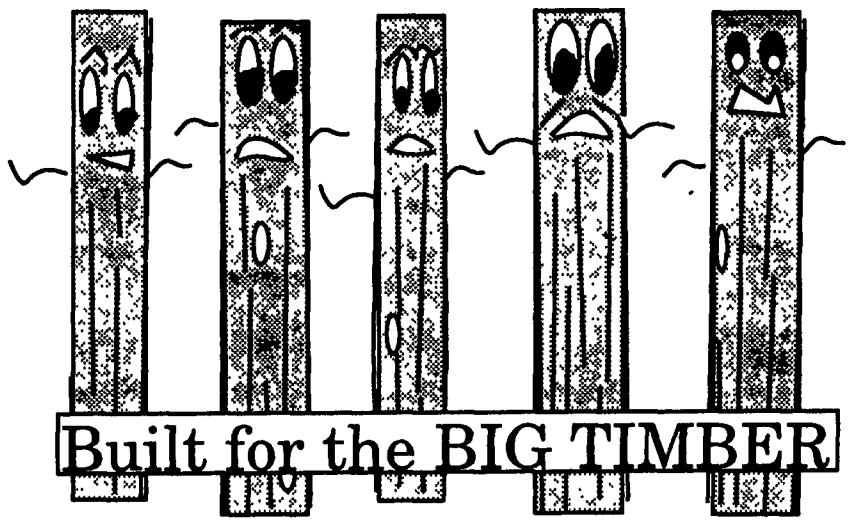

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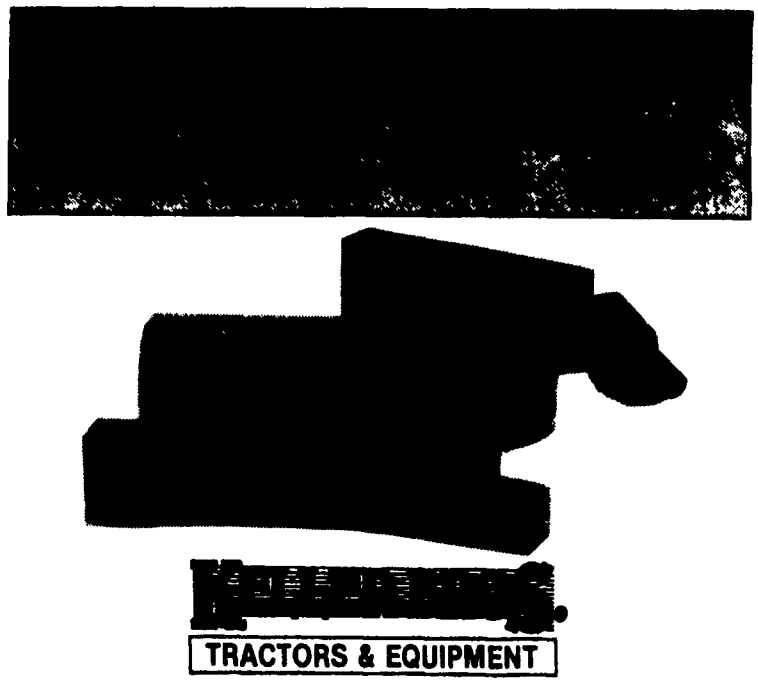

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Vegetable Growers To Hold Meeting

ATLANTIC CITY, N.J. — The Vegetable Growers Association of New Jersey will hold their 1992 annual meeting on January 14-16 at the Trump Taj Mahal Casino Resort in Atlantic City. This year's meeting will offer educational sessions, a trade show, spouse's program, and annual banquet.

The growers and industry are looking forward to an even more successful meeting in the larger and more convenient facilities of the new Taj Mahal located on the boardwalk. Plans are being completed to host more than 2,000 people, including growers, spouses, agribusinessmen, and state and university specialists from New Jersey and the eastern United States.

A larger trade show area with space for 150 exhibits is available in the Grand Ballroom of the Taj Mahal. Agribusiness representatives will display new tillage, irrigation, planting, seeding, packing, and pesticide application equipment. Suppliers and distributors of fertilizers, pesticides, containers, plastics, and many other farm supplies will be available to discuss the use and performance of their products.

Plans are being made to offer lunch in the exhibit area this year. This will allow participants to have a convenient lunch and the opportunity to spend more time with growers at the trade show.

The program committee has developed 14 interesting sessions on topics and issues of special concern to growers.

Featured speakers at this year's meeting include leading researchers, extension specialists, industry scientists, growers, and county agents. Speakers from Maine, New York, North Carolina, Pennsylvania, Delaware, Florida, Massachusetts, Georgia, South Carolina, Idaho, and the USDA will participate in this year's sessions.

Rutgers research and extension specialists, county agricultural agents, department of ag personnel, and other representatives will provide growers with the latest information on regulations, pesticides, IPM, and cultural practices under local conditions. Core and category pesticide recertification credits will be offered in most education sessions.

Registration begins each morning at 8 a.m. and coffee and danish will be served in the exhibit area from 8 to 9:30 a.m.

Vegetable, Direct Marketing Conferences Combine

ITHACA, N.Y. — The New York State Vegetable Conference and the Direct Marketing Conference will be held jointly on January 27-29 1992 at the Riverside Convention Center in Rochester, N.Y.

These major statewide conferences will include three full days of meetings for processing, storage and fresh market vegetable growers and shippers, small fruit producers, and direct marketers of fruits and vegetables.

University specialists, industry representatives, and growers from New York and other states will offer more than 80 presentations during three concurrent sessions of the conference. Presentations will include varieties, production systems, pest management strategies, food safety, family business management, new products, and marketing strategies.

More than 100 exhibitors in the trade show will display the latest in equipment, packaging, seed varieties, pest control materials, fertilizers, services for the industry, and value-added items for roadside marketers.

Dr. Ron Hanson, a nationally known speaker on farm family relationships, will be the featured speaker for the banquet on Monday evening, January 27. Hanson is currently the Harlan Distinguished Professor Agribusiness in the Department of Agriculture Economics at the University of Nebraska. He is a widely traveled speaker who shares a motivating message with audiences in a highly entertaining manner on "true to life" family business problems and challenges. On Monday morning of the Direct Marketing session, Hanson will lead a workshop on "Avoiding the Common Mistakes and Stress that Lead to Family Business Conflicts." This will be an interactive, instructional presentation of ideas on how to avoid business conflicts and ways to perk up the relationships among family business members. During his Monday evening banquet presentation, entitled "The Unspoken Words in Family Business," he will stress the importance of teamwork in achieving family business goals.

During Monday afternoon of the Direct Marketing session, advertising and promotional strategies will be presented by Dr. Delbert Dahl from the University of Illinois and by a panel of New York roadside marketers. Food safety issues and experiences will be reviewed by Dr. Robert Gravani, Cornell University Food Science Department, and William Poole, Quality Assurance manager for Wegman's. Wayne Wickerham, vegetable grower and roadside marketer from Ohio will discuss marketing strategies in his diversified operation. Wickerham, active in the Ohio and National Direct Marketing Associations, also will speak about production topics during the Fresh Marketing Vegetable session on Tuesday, January 28.

The other concurrent sessions to be held on Monday, January 27, include a full day program arranged by Robert Becker, Horticultural Sciences Department at the NYS Agricultural Experiment Station at Geneva, on varieties, production and pest management for growers of beans, peas and sweet corn for processing or fresh market. Among the speakers will be Gary Sweet of Sweet Farms, North Ridgeville, Ohio, whose operation is geared primarily for fresh market production as well as roadside market sales.

Also on Monday afternoon there will be a grower/shipper meeting on wholesale marketing from 2 to 4:30 p.m. that includes PACA law protection, produce labeling, new produce introductions and perspectives on relations between producers and buyers for a more profitable future. Speakers will include Michiko Shaw of the USDA-PACA Branch, Scott Danner of CNS, James Kankowski of Tops Supermarkets, and Martin Michaelson of United Apple Sales Inc.

On Tuesday, January 28, the three concurrent sessions will be on Fresh Market vegetable production, cole crops and onions. During the fresh market session, cultural practices to be featured will include raised beds, tillage practices to avoid soil compaction, cover crops, irrigation scheduling, biological control and monitoring crops for pests. Growers and researchers will provide practical tips on how to fine-tune cultural operations to optimize production and reduce inputs, thereby increasing returns. The cole crop and onion sessions will similarly feature presentations on specific pest problems, varieties and production strategies. Among the speakers for the cole crops session will be Dr. Luce Berard of Agriculture Canada, and Warren Ouwenga of Ouwenga Vegetable & Grain, Manteno, Ill. The all-day onion session will include speakers Dr. Michael Harvey of USDA-ARS at the University of Wisconsin, talking about the USDA onion breeding program, and Thomas McBride kom Cooperative Extension in Colorado discussing the Colorado onion industry.

The third conference day, January 29, includes sessions on specialty crops and leafy lettuces, potatoes and small fruit. The Specialty Crops program on Wednesday morning will address production and marketing strategies for specialty vegetables, herbs, edible flowers, and field-grown cut flowers. Jay Leshinsky, northeast trial manager for Shepherd's Garden Seeds, will talk about performance of high quality, fine flavored seed selections with excellent market potential for direct marketers that Shepherd's has gathered from seed houses around the world. Experiences growing and marketing specialty crops will be discussed by Lyle Wells, Long Island vegetable grower and member of the board of directors of the NYS Vegetable Growers Association.

An area of expanding interest is field grown cut flower production. Dr. Leonard Perry from the University of Vermont has been researching cultural strategies for flower production and will share information with growers inter-

(Turn to Page B23)

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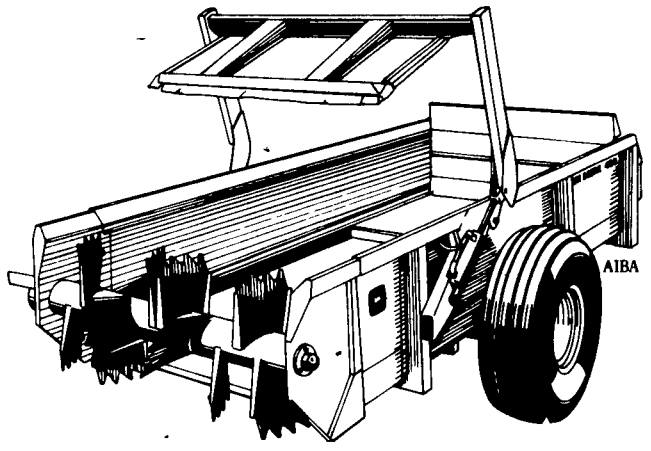

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Label Expands Broadleaf, Grass 'Hit List'

GREENSBORO, N.C. — More broadleafs and grasses have been added to the Beacon® corn herbicide's label.

The postemergent herbicide, best known for its control of troublesome shattercane, johnsongrass and quackgrass in corn, now offers a "broadleaf bonus," providing effective control of 30 broadleaf weeds, plus seven additional grasses.

Other significant label revisions include:

- Approval for weed control in popcorn.
- Low-rate tank mix options for control of certain broadleaf weeds.
- An additional split application option.
- Additional crop rotations.

Broadleafs added to the Beacon label are Eastern Black Nightshade, Hairy Nightshade, puncturevine, sesbania, wild mustard, and wild radish. Partial control is extended to alfalfa, horsenettle, and horseweed (marestail). Grasses added are volunteer sorghum and partial control of foxtails and sandbur.

"Corn growers have counted on Beacon to attack their problem grasses for the past two seasons," said Beacon product manager John Mitchell, Ciba-Geigy Corp. "But now they can count on a broadleaf bonus. Beacon not only takes out the major grasses, but it also nabs escaped broadleafs that can rob yields if left to compete with corn."

Popcorn growers facing heavy infestations of shattercane and other tough weeds now can benefit from Beacon's weed-fighting power.

"The addition of popcorn to the Beacon label holds significant benefits for popcorn growers, especially in areas with grass problems," said Mitchell.

Tank mix changes include reduced-rate combinations with Banvel®, Buctril® and 2, 4-D for velvetleaf, triazine-resistant lambsquarters, and triazine-resistant pigweed.

Corn growers also have a new option for split applications of Beacon. Along with a single full-rate application or a 50-percent/50-percent split application, a new split rate of 75-percent/25-percent is approved. Split application options offer growers early johnsongrass and broadleaf weed control, with the option of a second application if regrowth of rhizome johnsongrass becomes a problem.

The revised label also allows a three-month crop rotation to winter barley and rye. Previously, only winter wheat was allowed on this rotation schedule.

The product continues to be offered in Accu-Pak™ water-soluble packets, a popular feature for environmental concerns. Five packets, each the size of a tea bag, come in a disposable zip-lock bag.

Adams Co. Association Begins Member Drive

HARRISBURG (Dauphin Co.) — John Hess and Elmer Smith were named at the reorganizational meeting as cochairmen of the 1991-1992 membership drive of the Adams County Farmers' Association (ACFA).

The Admas County Farmers' Association is a general farm organization with 850 farm family members. It is affiliated with the Pennsylvania Farmers Association.

"Hess and Smith will be responsible for membership sign-up in our Associastion," said Dave Wenk, president of the local farm organization.

"The local association initiated the membership drive in September with a mail campaign to canvass of existing members. Following the mail campaign will be a farmer-to-farmer membership procurement program, said Hess.

The new membership co-chairmen are both farmers in Adams County and have been active in community affairs as well as served in all capacities on the board of directors of ACFA.

Both co-chairmen have attended the membership chairman's training conferences and the state annual meeting of the Pennsylvania Farmers' Association for instruction purposes.

The initial meeting was held November 15 as a warm-up to organize for the campaign. Appointments of captains and team workers have been announced by co-chairman Hess. An individual letter from the membership committee will be mailed to all delinquent members.

A kick-off meeting will be held Dec. 27 at Spangler's Truck stop beginning at 7 p.m. with dinner for the board members, team captains and workers along with spouses.

"The purpose of this meeting is to get the ball rolling, so to speak. We need to gain momentum and gather as many members as possible in the remaining weeks of the campaign," said Smith.

Wenk has extended an invitation to all farmers and their spouses who are planning to aid in membership this year to attend the meetings.

The goal for the membership campaign this year (1991-1992) will be 868, which will also include approximately 50 new members, according to the association.

Anyone wishing further information about the Association may contact Wenk at (717) 677-9553.

Vegetable, Direct Marketing

(Continued from Page B22)

ested in diversifying into this high value crop. During the Leafy Lettuces session in the afternoon, topics such as plugs, varieties, cultural practices and weed control will be discussed in depth.

The Small Fruit session, a regular feature of the Direct Marketing Conference, includes a full day program on raspberries, strawberries and blueberries. Strawberry varieties, renovation and fertigation practices will be discussed by New York growers. Raspberry and blueberry varieties are to be reviewed and the general topics of small fruit disease, insects and mite control will be examined. Trickle irrigation and crop cooling topics will provide growers with pointers for improving crop quality. During this program, the featured marketer is Mike Wittamore of Wittamore Berry Farm, located near Toronto, Ontario. The farm includes 35 acres of strawberries and 25 acres of raspberries, 75 percent of which are sold U-pick and the balance through their farm market.

The Potato session, all day on Wednesday, January 29, will feature two researchers who have contributed significantly to the potato industry. Dr. Walter Stevenson, plant pathologist from the University of Wisconsin, will talk about managing early blight through variety selection, nitrogen and disease forecasting. He is known for his work on potato and vegetable disease management. Arnold Davis, assistant scientist at the University of Maine and with an extensive background in the french fry and flake potato sector of the industry, will be speaking on "Maine's Potato Industry: the current status of new tablestock and processing varieties and future industry plans and goals." Currently, he is working on potato breeding and helping Maine potato growers learn how to grow new potato lines. These and other topics during this program will focus on future competitiveness and profitability in the potato industry.

Additionally, on the Wednesday program, January 29, the U.S. Department of Labor's Wage and Hour Division will hold a "Federal Farm Labor Enforcement Technical Assistance Seminar," chaired by Doris D. Wooten, Regional Administrator, from 9 a.m. to noon in the Exchange Room of the adjacent Holiday Inn/Genesee Plaza. It will consist of a short briefing, followed by a question and answer session on issues of concern to those attending. Since the Wage and Hour Division enforces the majority of the labor statutes that must be complied with, this is an opportunity to voice concerns and ask questions about who is subject to these laws, what employer rights are during an investigation, what information about wages and working conditions employers must give to employees, recordkeeping, recruitment of migrant agricultural workers, and more. Those wishing to attend this session may do so separately from the conference at no charge.

Registration starts promptly each day at 8 a.m. in the Riverside Convention Center lobby. Registration includes admittance to the trade show and presentations and a copy of the published conference Proceedings. Preregistration (by January 15) is $10 per person, per day; walk-in registration is $15 per person, per day. Complete conference programs, registration, accommodations, directions and parking information may be obtained from county offices of Cornell Cooperative Extension or by calling the NYS Vegetable Growers Association office at (607) 539-7648.

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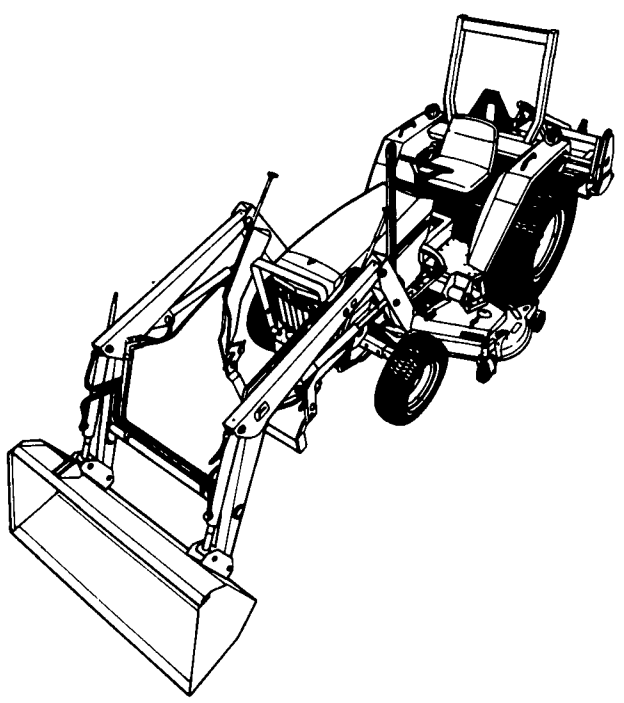

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- ▲Hydraulic quick coupler holder reduces attaching and detaching time
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660 Commercial Tiller
- ▲60-inch commercial-duty tiller for use with 870, 955, 970 and 1070
- ▲Center the tiller or offset it to the right when working close to obstacles
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- ▲L-shaped tines create a fine, finished texture from 1/2 to 1 inch

70 Series 72-Inch Mid-Mount Mower
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Newsprint For Livestock Bedding Use Increases

Guy Temple
Union Co.
Extension Agent

Newsprint for livestock bedding is a growing practice among farmers here in the Susquehanna valley as well as across Pennsylvania.

A few weeks ago I reported that there was a 28 percent increase in the use of newsprint for livestock bedding by dairy farmers in Pennsylvania between March/April of 1990-1991 and 1991-1992.

All of this use was based on some preliminary research at Penn State and other institutions across the country. Recently, I was at a conference where the results of two years of research were released. It was great to have a second assurance that the first data was verified.

Essentially, the data indicated that newsprint was more absorbent than other bedding materials, that no heavy metals or hydrocarbons were found in liver or blood samples, that cattle bedded with sawdust were a mite bit cleaner when bedded with sawdust, and that bacterial levels in bedding materials are governed by acidity levels of bedding materials.

The research was designed to examine several aspects of paper bedding not previously explored, including the retention in animal tissues of specific organics compounds commonly found in paper, how the bacteriological populations of bedding materials can be altered to help reduce mastitis in dairy cattle, machinery, and equipment that is available for commercial and on-farm processing of paper, and the economics of distribution, use, and processing gf paper as bedding.

The importance of the results of the study are two-fold. First, the use of waste newspaper as animal bedding provides an invaluable source of disposal for this material and redirects it from the conventional solid waste stream for many communities. Secondly, the freedom from contamination of animal products from animals bedded on newspaper is essential for this use. It appears from this data that using waste newspapers for bedding in beef feedlots for 140 days or less will not significantly alter beef products that enter the food chain.

From my viewpoint, it reaffirmed the earlier data on heavy metals content from tests that were completed by Ray Shipp, extension agronomist at Penn State. The only heavy metal that was in liver and blood test was copper, and it was well within tolerable levels.

No testing of hydrocarbons had been done in Pennsylvania before. The analysis of newsprint and sawdust samples showed there were no detectable levels of any of the 16 hydrocarbons in either the blood or liver samples. The levels of naphthalene were lower than those reported in 1985 in poultry, swine, and dairy cattle livers after receiving chronic and acute doses. There were no detectable levels of these materials in newsprint itself, indicating the inks present probably did not contain detectable amounts of coal tar, synthetic crude oils, or other carriers containing naphthalene.

Tests for moisture absorption rates were also very interesting. As farmers will tell you, a good bedding material is one that is low cost, easy to handle, and will absorb lots of moisture from the cattle manure and urine. Newspapers won here, hands down.

The absorbency rates of the tested samples resulted in the following order from most absorbent to least absorbent: newspaper, straw, newspaper inserts, hay magazines, office waste, and sawdust with straw and newspaper inserts and hay. The overall absorbency of the newspaper samples when corrected to ten percent moisture were 2.510 times the absorbency of sawdust in the first minute of the test. Most of the water absorbed was in the first five minutes.

Another test was cleanliness of the cows. Here, sawdust was ahead of newspaper by a small margin.

Bacteria studies were also a part of the Penn State research. Staphylococcus and coliform counts were made, and Steve Spencer, Penn State dairy specialist, said the study had the following implications for the Pennsylvania dairy industry.

- The use of newspaper for bedding dairy cows results in the growth of fewer bacterial organisms under use conditions than sawdust bedding.
- The addition of ground limestone to sawdust or newspaper bedding tends to increase bacterial numbers, which have the potential to cause mastitis infections.
- The addition of acid to bedding materials tends to reduce the growth of bacterial organisms.

The last two points indicate that more research will be conducted on the topic of alkalinity and acidity in dairy bedding.

An additional part of the study related to the best machinery to chop or shred paper. Nineteen different machines were reviewed as to the power generated, cutting capacity, and how efficiently they did the job. That data is available by calling your local extension office.

Overall, the latest research shows that newspaper can be a good bedding for dairy farmers as well as beef and hogs. There is less labor involved, because 350 pounds of paper will do the same job of bedding as 2,000 pounds of sawdust. The research also indicated that on manure packs, a mixture of paper and straw or a mixture of paper and sawdust is best. With paper alone, the pack becomes so hard that it is difficult to remove.

This second assurance is great, but the greatest problem is still how to get the paper from the curbside to the barn in a useable form. Several different methods are developing, but I'm not sure we still have the best. One that is popular in the immediate Lewisburg area is for farmers to place a cart, wagon, or shed at the end of the lane. This has been working out reasonably well, but recently I've noticed that people leave the paper whether the cart is there or not. Remember, if the paper gets wet, it is of little use to the farmer. It has lost its absorbency, and he will now have to find a place to dispose of it. They may be able to plow it down, but for all you nonfarmers who are still reading, look for some of the empty boxes on some of the less traveled roads. Some of them can use more paper than what they are getting.

Pioneer Promotes Lazowski

Mt. Joy, Pa. — Edward J. Lazowski, has been named field sales manager for Pioneer Hi-Bred International, Inc.

Lazowski will manage the field sales force throughout the Delmarva, Pennsylvania, northeastern Ohio, New York and New England, from the company's Eastern Sales Area Office in Mt. Joy, Pennsylvania.

"Ed has demonstrated strong leadership skills and knows the area extremely well," said John Weidman, Eastern Sales Area sales manager. "He enjoys people and likes to see them be successful."

Prior to being named field sales manager, Lazowski served as field sales agronomist in New York and New England and then as field sales agronomy manager in the Mt. Joy office. He holds a B.S. in Agronomy from Delaware Valley College and a M.S. in Agronomy from Penn State University.

Pioneer Hi-Bred International, Inc., is the nation's leading supplier of hybrid seed corn and varietal soybeans. The company also produces wheat, alfalfa, sorghum and inoculant products for farmers nationwide. Pioneer serves farmers in the northeast through its network of farmer sales representatives and its area sales office in Mt. Joy.

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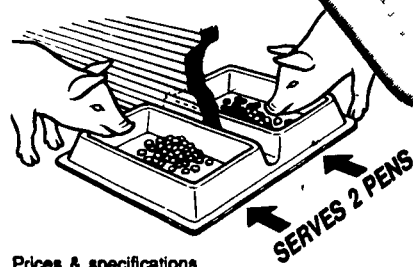

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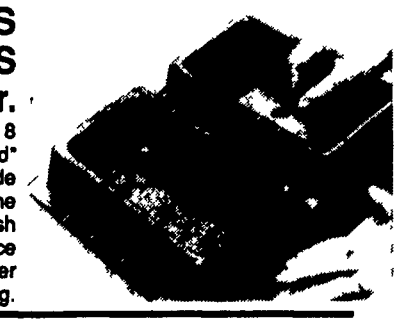

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Meat Board Announces Nurse Nutrition Guide

CHICAGO, Il. — As role models and advisors, nurses are an important soucre of nutrition information for their patients. To help nurses dispense that information to patients with confidence, the National Live Stock and Meat Board has recently produced a reference booklet called *Food in Focus: A Nurse's Guide to Nutrition.*

Filled with sound, research-based information on healthy eating habits, the checkoff-funded booklet focuses on one of the primary nutrition concerns today: reducing dietary fat and cholesterol. In addition, the piece reviews the updated *Dietary Guidelines for Americans*, and has special sections on food choices, food preparation and meal planning.

Food in Focus was developed by the National Live Stock and Meat Board Education Department using data from the U.S. Department of Agriculture and other reputable information sources. The publication has been reviewed by the American Association of Office Nurses and the American Dietetic Association.

About 50,000 nurses throughout the country are receiving a complimentary copy of the guide with their November/December issue of *Office Nurse* magazine. According to Wendy Gregor, R.D., Meat Board allied health education coordinator, this method of distribution of *Food in Focus* is effective and efficient for the industry for two reasons. "The booklet has more credibility with nurses when it arrives with this well-respected nurses' magazine," Gregor said. "In addition, we feel it will receive a great deal of attention sent in this manner."

More information about *Food in Focus* is available from the Meat Board Education Department, 444 N. Michigan Ave., Chicago, Ill. 60611-9909. (312) 467-5520.

The National Live Stock and Meat Board is a coalition of the meat and livestock industry that has been working through industry checkoffs to build demand for beef, veal, pork, lamb and deli/prepared meats since 1922.

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AKC reg. male Beagle dog 1½ yrs. old, tri-colored marked, nice $25. York Co. 717-235-5189.

JD 1952 MC w/blade, loader $3500 Fordson good roads roller $1100, 1937 A JD needs work $700. Bucks Co. 215-249-9151.

82 GMC 1-ton stake 12', 10' JD harrow cult. w/ Farmall H or M 8x8x30 beams. 215-767-2217 eves

Apple 11c monochrome monitor, Image writer II, printer, mouse w/ mouseprint, other software included, excel. cond., used very little $995. Dau. Co 717-692-3665.

Same Leopard 85 4x4 g.c. Wanted 4 wheeled pony cart Lanc. Co. 717-354-0018.

420 Int. 3 btm. trip plow $450 OBO, 215-267-3892, 11 wk old Sex Sal pullets excel. layers. 215-267-5760.

Grand player piano $800, 1924 Vintage player needs repair piano plays excel. Call Ed Sr. 908-873-8840 eves

Bred ewes: Corriedales & Corriedale- black crosses, due to lamb mid-March, also, ewe lambs avail. Oxford, Chester Co. 215-932-9638

Oliver 88 narrow front end 6 cyl gas 16 9 38 tires & rims runs ok broken in middle. Harford Co. 410-836-1632.

JD #200 Yakima hitch 3x14 plow $450, JD hillside hitch $80, IH 990 haybine $1150, IH #64 combine w/cub engine, stored inside, whole $550 or parts. Adams Co. 717-359-5069

AKC Sheltie pups $125. Lanc. Co. Moses King, 1621 Robert Fulton Hwy., Quarryville, Pa. 17566.

17 pc. stainless steel waterless cookware set w/ steam control valve, never used, effective lifetime warranty, $425. Union Co. 717-922-1502.

3 large frame polled hereford bull calves, weaned, wormed, & stanchioned barn trained, also two small feeder steers. 717-689-2158 eves.

JD 60 WF 3 pt. new front tires rear tires 60% 2 btm. JD plos, good cond., $1750. Luz. Co. 717-256-3713.

Corn fodder round bales 4½' dia. baled dry lots of husk $12 per bale Cecil Co 410-398-2751.

79 Ford 250 pick-up high 38" cap, 57,000 miles 5-950 16 5 tires 8 lug Chevy wheels. 717-394-5113.

Cashimere wether goat, white, romney & cross ewes, all ages, reg white ram, beautiful fleeces, reasonable. Berks Co. 215-987-6902.

Elec. start 16 HP B.S. engine 1 cyl. A-1 cond., $450. Perry Co 717-789-3773.

Trucks, Dodge 4x4 w/ Meyers snowplow 1967 F.C., Chev. 1 ton 1955 will trade. Frank. Camden Co 609-561-4618.

1968 Chevy pickup w/cap, only 30,000 on rebuilt engine, some work needed, parts included $500. Montg. Co. 215-723-5415 after 5 p m.

Lively Jack Russell terrier puppies 6 weeks, white & brown markings, shots & wormed, male $95, female $125. 717-866-2091.

Araucana pullets laying blue green eggs, 2 roosters $4, 18' orchard ladder $25, 3x6' wall mirror $50. Perry Co. 717-834-3401.

Used galv. tire good shape, hand hewn barn beams. Berks Co 215-856-1103 after 5 p m.

Dried rough lumber, oak & ash, $1.40 a bd. ft. pine planed to ¾ $.80. 717-933-5307.

1971 Datsun pick-up 2,500 miles on rebuilt 620B engine, 4 spd. solid body $495 OBO. 814-448-2541.

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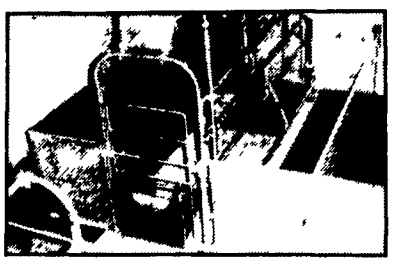
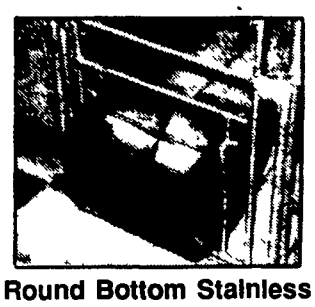
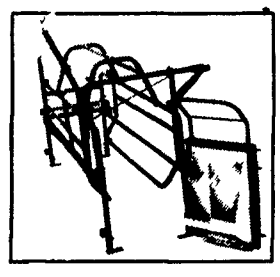


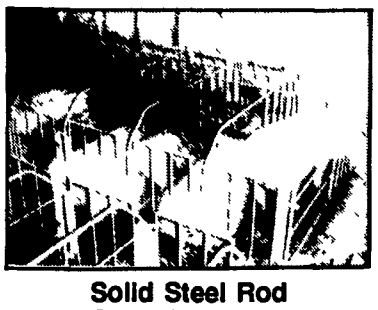
Proven Solid Steel Rod Bow Bar Crate w/Front Arch



Round Bottom Stainless Steel Sow Feeders



Proctor Hydraulic Crate Prevents Crushing



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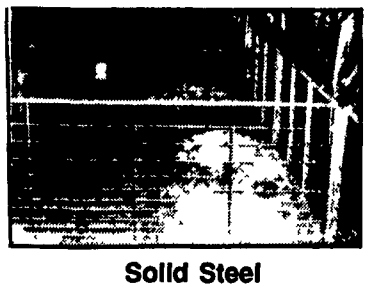

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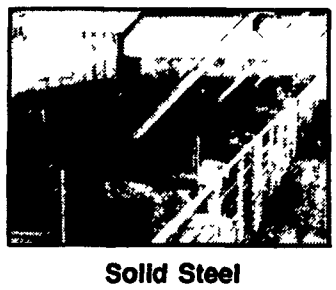

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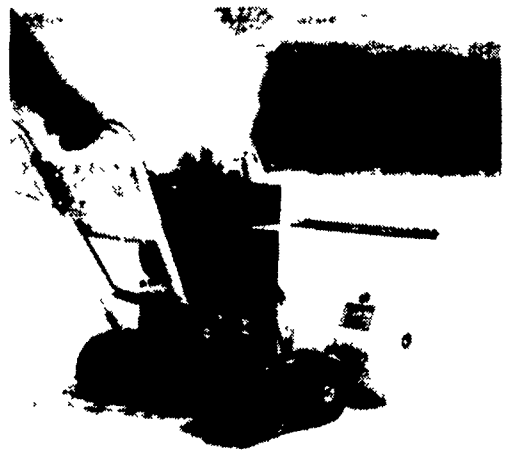

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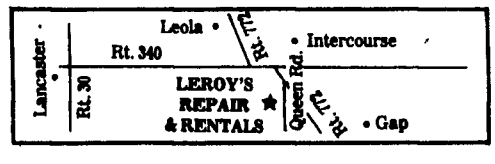

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Bobcat 610 gas skit loader on steel wheels w/quick tach bucket & fork $2200 OBO. Lanc. Co. 215-445-6345.

Reg. blue heeler's pups cute, alert 9 wk. old, $75 or best offer. Lanc. Co. 717-656-8961.

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Attention game clubs a really big wild looking 4 horned Jacob ram nice meat & possible head mount. Pike Co. 717-686-3480.

2 AKC 8 mths. old miniature collie males. Levi R. Beiler, 225A N. Hollander Rd., Gordonville, Pa. 17529.

Exhaust fans, chicken feeders, 84 Ford pick-up bed, elevator, augers, hay, straw, farrowing stalls. 215-932-8999.

1966 GMC single axle truck tractor, 401 V6, 5 spd., 2 spd., PTO, 56,000 miles, $995 OBO. York Co. 717-764-8301.

Reg. Pygmy goats yearling, buck $125 & 4 mth. old doe kids $225 after 5. 215-588-8554.

GMC dump truck 1964 26,000 lbs., 4 sp. 6 cyl., runs good, $1600. York Co. 717-852-0858.

Foxhunting books recollection of a foxhunter, also hunting tours of Surtrees very rare. Chester Co. 215-444-3885.

2- 18.4x38 tires 25% tread w/tubes great for duals $25. Cambria Co. 814-472-8068.

82 Ford XL Van 6 cyl., 8 pass. load good cond., inspected $1,895, 79 Jeep Cherokee 4x4 good tires, $1,295. Dau. Co. 717-362-3578.

Sale Sears band saw 14" table top, good cond., $75, Del. Co. 215-459-5059.

JDR IH JD Case & White toy tractor collector's 1 horse motor 2 front, 2 rear tires for CSC 200 or 230 tractor L250, Kawasaki motorcycle, 1 trailer 6'x10'. Union Co. 717-524-4522.

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1967 & 1975 Int. pick-up parts, 18' insulated truck body w/gas powered reefer, $1700 or make offer. Lanc. Co. 717-367-7145.

Trotting broodmares in foal to flak bait w/or without foal, 2-horse Arndt gooseneck trailer $1500 or B.O. Monmouth Co. N.J. 908-938-9208.

AQHA 4 yr. old, 14.2?, child safe chestnut mare, has been shown successfully, also green reg. POA mare. Leb. Co. 717-865-5914.

1979 JD 510 backhoe loader with cab, excel. cond., $11,000. Cecil Co. 301-398-5054 eves.

4 holstein bulls 1 yr. old grades, top sires dams ave. 25,348 milk, 962 fat, 305 days. Weaver Homestead Farm. Lanc. Co. 717-354-4398.

2 Morgan horses 20 mo. old chestnut 8 mo. old (black) white markings. Leb. Co. Jonas Zook, RD 2 Box 320D, Myerstown, Pa. 17067.

1951 Ford pick-up, restored, excel., $4500, snow plow for JD M tractor, $100. Hunt. Co. 908-996-6959.

Gas pump old Tokheim w/300 gal. tank & pipe like new. York Co. 717-292-4541 after 4:15 p.m.

6 H Beams 5"x8"x17.5L $95 @, 4- 10.00x20 8 lug wheels & tires off Martin S. spreader, $150, 4" Stemco muffler $25, Ford step bumber $15. Leb. Co. 717-272-0041.

1977 Dodge pickup 4x4 318 4 spd. alum. wheels $1,995, 1986 Dodge pickup 6 cyl. auto new paint 86,000 miles, $3,995. 717-738-2072.

Reg. hol. bull Southwind, White 4-B plow, semi-mount, spring reset, new btms. Lanc. Co. 717-548-2480.

Mini donkey jack foal, great looks & personality, ready for that special Christmas present $700 or b/o. Ocean Co. 609-693-8367.

1200 gal. zero bulk tank w/ heat recovery tank SS pipeline for 64 cows w/ pump reasonable. Berks Co. 215-488-4598.

MF-50E 1987 4WD loader $13,000, 1985 Winnabago camper $7500, new mig welder $800, Ford 3550 ind. tractor $4000. Suffolk. 516-727-5402.

Black standardbred good carriage horse, stands 16-3" hands trotter, traffic safe & sound, easy keeper, gelding. John M. Esh, RR 2 Box 288, Myerstown, Pa. 17067.

Eastern wild turkeys $20, gobblers only hanging feeders & plasson broiler drinkers $5 ea. Lanc. Co. 717-656-7440 after 4 p.m.

Miniature Schnauzer puppy cute, playful 11 wks., $60, also Dalmation puppies, all are AKC, shots, wormed. Lanc. Co. 717-661-2786.

Mannlicher Schoenauer rifle 30-06 Leupold 3x9 scope $1200 w/sling, case. Monmouth Co. N.J. 908-446-2548.

175,000 BTU propane heater $300 works. York Co. 717-432-3306.

White royal mute swans for your pond, make excel. Christmas gifts. Lanc. Co. 717-733-6333.

AKC Reg. Keeshond puppies shots, wormed. Lanc. Co. 717-656-6877.

Sauder snow bucket 5' fit Sauder loaders $40, also new, never used P215/75 R15 truck tire $40. Berks Co. 717-933-4721.

1989 Dodge dump truck, Cummins diesel 1 ton 5 sp., large pony eventing done it all. Lanc. Co. 717-626-6169, 717-627-0835.

85 Suzuki Quad-sport 4 wheeler, new top end $900, also 85 230 w/blown engine, looks good, $400. Leb. Co. 717-273-3823.

Go-Karts 5 HP used 10 hr., $450, 1 hole corn sheller $75. 717-626-6059.

Deutz 4506 tractor & loader Lanc. Co. 717-687-7090.

300 lb. Angus Charolais cross steer ideal for 4-H club manure loader complete for AC Model G tractor, good cond. (antique). Lanc. Co. 717-665-5727.

Farmall 706 dsl., WF, 3 PT dual pto, single remote, 18.4x34 tires, good cond., $5500 neg. Leb. Co. 717-469-0356.

Singer featherweight perfect gift for your favorite quilter! Also buy/sell antique sewing machines. Chester Co. Box 31, Brandamore, Pa. 19316. 215-383-1952.

8 purebred Collie pups, 6 wks. Dec. 21, $50 & $55. Also hay for sale. Mifflin Co. 717-242-0391.

Aluminum truck cap, fits shortbed Chevy or Dodge $80. Also Exercycle 300 lb. adjustment w/motor $50. 215-589-4660.

Holsteins from 22,000 lb. Butler County herd reg. & grade your choice calves to cows sell up to 20 even. 412-898-2353.

8 Black Angus steers 500 lb. 92¢. Berks Co. 215-286-5422.

Selling out! Cashmere goat herd - buck/bred does imported from Lismore (awarded Best Cashmere Herd in Australia) - reasonable. 215-257-8847 eves.

Used roll away egg nests - chicken floor slats. Daniel J Stoltzfus, Bird-in-Hand, PA.

Hummel plates 1971 thru 1979 - 71 $500, 73 $75, rest $50 each. Chester Co. 215-269-3295.

1990 Dodge Dakota pickup, 4x4, auto, AC, every available option, 22,000 mi., full coverage extended warranty, garage kept. 215-358-5839.

From our Charolais herd 22 steers approx. wt. 500, weaned started on grain. Sch. Co. Call after Dec. 16 7PM. 717-345-4489.

Utility wagon 4'x8' single axle w/sides off road only $75, 10HP air compressor 3 phase $800. Berks Co. 215-856-7856.

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1989 Ford Ranger STX 4x4 2.9 V6 extended cab am-fm stereo cass. 4 new tires. 814-542-4398.

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1952 Autocar, 1974 Int. spray truck - 1910 series, liquid fert. tank truck, pair Goodyear 48.00x31x20, best offer. Lanc. Co. 717-284-4449.

AC WD45 w/3PT $1200, WD 750, AC B w/plow $600, WD45, WD, AC, C parts & equip. Lanc. Co. 717-284-2640.

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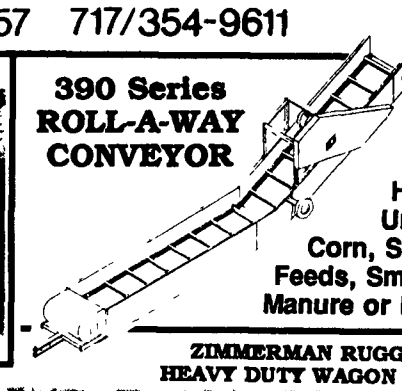

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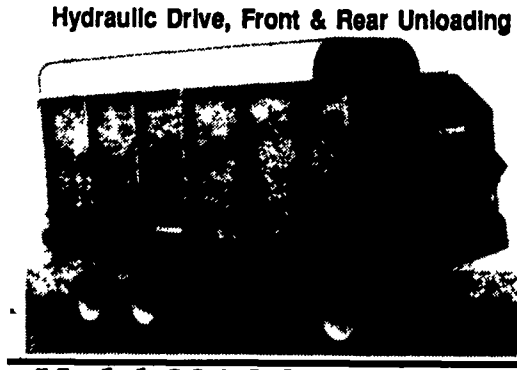

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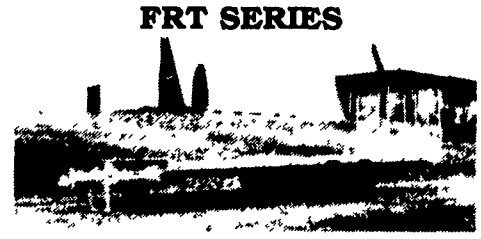

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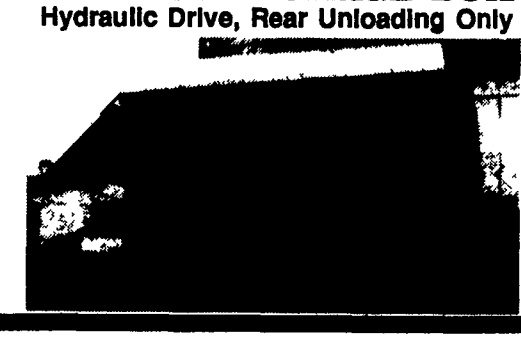

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5 beef heifers bred timothy hay Sch. Co. 717-875-4616.

Female Border Collie pups $10 OBO. No Sunday calls. Lanc Co. 717-664-2399.

Skinner model 926 Evergreen seedling planter, 3 pt., like new $1500. 1988 Wellcraft boat 170 classic, like new, $7800. Harrisburg, PA 717-657-3565.

1954 JD crawler 4 roller w/ bucket good condition. Lyc. Co. 717-753-8307.

Jack Russell Terrier pups, 2 male $250 each. Leb. Co. 717-867-4700 after 5PM.

Used V-type snow blades, assorted sizes; Case farm loader w/36" hydraulic bucket $250; Warm Morning coal-wood heatrola $250. 717-345-4882.

Reg. quarter horse gelding, 3 yr. old bay, super quiet, sound, ready to start, 14.2. To good home. York Co. 717-757-6555.

50 Sexlink pullets starting to lay. Lanc. Co. 717-733-2648

NH 477 haybine $1775, NH 68 baler $450, 3PT fert. $325, NH 518 pto manure spdr. $750, JD 3PT 4-bot. plow $175, NH 455 trailer mower $950. 717-354-8326.

4 yr. old saddlebred driving horse, chesnut sorrel, 15.3 hands, good broke, $900. John S. Nolt, 717-354-9370.

AKC Cocker spaniel pups buff, shots wormed males & females. Lanc. Co. 215-267-4398.

Fox terrier puppies 6 wks. old. Lanc. Co. 717-442-8277.

1963 Int. truck w/20' Grove rollback & Int. truck for parts, $4,000. Carroll Co Md 301-848-1913.

Firewood split all hard woods, $50 for 5/8th cord delivered. Lanc. Co. 717-627-0907 call Dave.

Ear corn last yrs. crop $105/ton at farm or $125 delv within 20 mi. radius of Spring Grove, Pa. York Co. 717-229-2720.

9 pure landrace gilts breeding age, 28 feeders pigs, Lanc. Co. John L. Beiler, 590 Creek Rd., Christiana, Pa. 17509.

Glass qt. milk bottles 50¢ front wheel wghts. for JD B, $25, make offer, Myers orchard sprayer on rubber 150 gal. William Coddington, RR 2 Box 304, Neshanic Station, N.J. 03353.

1 pair of 15" English fox hounds or full 15" beagles must be running. Mon. N.J. 908-566-3457 nights, 908-536-1390 days

JD 435 round baler push bar, mesh wrap, converging wheels, big tires, totally loaded, new 5-15-91, $15,000. Martinsburg, W Va. 304-229-3917.

Snow plow v type fits front end loader, also snow bucket large call after 6 p m 717-784-4458.

6,600 gal. all alum. trailer tandam axle top & bottom fill, good cond., $3700. Lanc. Co. 717-367-3036.

5 pr. sorrel mules, broke 2 to 7 yrs. old worked on our farm this summer, 2 pr. standby's mostly molly's Leb. Co. Stephen G. Lantz, 305 Iona Rd., Lebanon, Pa. 17042.

Pygmy goats reg. & unreg. bucks, wethers, taking orders for Spring kids. Leb. Co. 717-933-4978.

Victory 700 self feed coal stove, also steel tractor wheels. Moses S. Lapp, RR2 Box 277, Myerstown, Pa. 17067.

4 Yetter coulter assemblies w/dry fert. knife, $200, Demco squeeze pump $100, Southwind engine heater $100. Leb. Co. 717-867-1266.

Single seat runabout, harness & 8 yr. standardbred gelding $1800, 1 horse sleigh $500, all good shape, neg. York Co. 717-266-7049.

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MH 33 $375 or best offer. Franklin Co. 717-369-2197.

1000 good bushel boxes $2.50, 62 Scout w/6' plow needs minor work $350, Super C cult., fast hitch sickle bar mower. Lanc Co. 717-872-5263.

18.4x26 clamp-on combine duals $700, Century 28' sprayer booms complete $160, NH Super 55 hay rake $775. Bucks Co. 215-847-2619.

1984 Chev. 30 sport van 12 passenger dual air & heat excel., $4000 used metal roofing. Lanc. Co. 717-548-3294.

Antique 2 cyl. standard two wheel garden tractor restored show room cond., w/attachments. York Co. 717-292-3640.

Bred gilts due mid Dec. 2 Hamp. York crosses 1 spot bred hamp. boar $225. Lanc. Co. 717-284-3101 eves.

1950 Dodge truck 1½ ton stake body, runs, good cond., not inspected, $750 or best offer. Northampton Co. 215-838-7311.

Broyhill triple dresser & mirror, good cond., colonial style, maple finish $200. Chester Co. 215-356-6446 delivery possible, Call Trudi.

Morgan horses 3 yr. old filly yearling stallion 2 yr. old fily gelding others avail. stallions or stud. 301-293-2693.

F-20 good tires new manifold $725, 16' dual axle trailer $500. Alleg. Co. 301-478-5767.

Dodge 12' flatbed w/4' 4' gate V-8 gas, 5+2 spd., air brakes, new 8:25x20 tires, $850. 908-688-3272 between 6 p.m.-9 p.m

Beefmaster cattle, avail. reg. & polled all ages, come see this "new" breed or call for brochure. Wayne Co. 717-224-4352.

Boiler, without gun 1 million BTU $600, 6- 3% gate valve's (Jennings) Lanc Co. 717-768-3544.

Stone crusher, belt driven, hand feed, asking $750 OBO. Luz. Co. 717-655-4791 after 5 p.m ask for Al.

Single trees 1-8 h hitches yokes tongues pokers scrapers clevises pins shoe cleaners pot & cup hangers weaner roasters. Chester Co. 717-273-2112.

Opencenter steel wheels new 56"H 16"W 30"centers $650, front post for 3020 JD $150, roll-o-matic spindles LH-RH for 520 JD $150. Lanc. Co. 215-445-9948 after 5 p.m.

1978 Chevy ¾ ton 4x4, has little rust, mileage unknown, runs exc, $1200 OBO. Chester Co. 215-495-6170.

New McCormick 10-20 side curtins or pannels, air cleaner screen, fuel tank, hand crank bearing, ¾ gal. gas tank, radiator core. Ben J. Kinsinger, RR 1 Box 234A, Meyersdale, Pa. 15552.

Steel windows 32½ "x59½ ", 2 wheel farm trailer, 2 horse 1 row cult. (MCD), gas washer engine also other engines, used wheels & tires for farm eqt. 717-355-2758.

Oliver potato digger & iron age potato planter, good cond., $875. Northampton Co. 215-261-1015.

JD 146 loader also NH 791 spreader w/endgate, both very good cond. Lanc. Co. 215-445-7811.

Coal stoker Axleman Anderson uses pea coal, 1980 F250 Ford 4 wheel drive truck excel. cond., 717-345-2488.

Holstein bull Michael son dam Rotate 2 yr. 26,965, 2nd dam 28,366, 3rd dam 27,180, 4th dam 30,800, 5th dam 28,720. Lanc. Co. Amos Stoltzfus, 335 Millwood Rd., Gap, Pa. 17527.

Simmental bull good breeding stock 4 yrs. old. Adams Co 717-677-8981

New ¾" Milwaukee air impact wrench $150, snow fence $12 per roll, ¼ in stiff cable- make offer Montg Co 717-754-7012

Fruit crates, bulk bins, pallets, mulch, sawdust, rough cut lumber. Mt Valley Farms, Biglerville, Adams Co. 717-677-6166.

Iowa Hit or Miss motor w/ orig manual not seized, missing magneto, best offer. Luz. Co 717-477-5002 after 5.

Fabric, finest grades, all types, 10 pallets large samples, solid colors only $1.50 per lb. $50 min. Lanc. Co. 717-394-4980.

Miniature Donkey baby Jennett 1 mth. old, beaut., very correct & sweet, great xmas gift. Balto. Co. Md. 410-592-6789.

1938 Ford eng. V-8, 85 HP w/trans. 4000K orig miles can hear run model A Ford eng & trans. Lehigh Co. 215-262-6478.

1974 Diamond Reo 10 wheel dump truck 75,000 miles, Cummins 13 spd, $3,500 Lehigh Co 215-767-5655.

Baby handfed sun conure wks super super tame, gorgeous, Inc. lg. cage, like new, toys, feed, $250. Cumb Co. 717-486-5099

6 cyl. Continental engine good cond. out of NI unisystem, make offer. Lanc. Co. 215-445-6825.

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GE 7½ HP silo unloader motor, complete rebuild, ready to go new $750, asking $500, also Clay barn cleaner chain 5x pull more 15" Gulten 200'± ½ price-used 2½ yrs. Bradford Co 717-265-6951.

D-4 Cat 7U $1500, 1979 Buick for parts $200, 10C hammermill $175, JD 3 pt 2R corn planter. Lanc Co. 717-626-5678.

#48 JD loader fits 2630, $1900 Berks Co 215-944-0352 no Sunday

8'x16' deck over trailer, 12,000 GVW, $1,250 215 569-2787.

Young grade (service age) holstein bull for sale Amos S Beiler, Jr., 520 Vintage Rd, Paradise, Pa 17562

Oats & ear corn, 3rd cutting reed canary grass no Sunday calls. Berks Co 215-367-7256

Mixed hay $2.00, barley straw $1.75, JD 24 blade KBA disk, good $450, 6' spike cultipacker $175 Lanc Co 215-267-3303

Building lot can be subdivided 11½ acres, Denver Schoeneck area, $120,000 P. Snavely Lanc Co 717-397-3571 call anytime

Eggomatic egg grader D-R-15 13 cases hr Kuhl egg washer excel cond, Mercury candler $500 or best offer. Balto. Co 410 484 0142.

AC-C block pump jack 2 horse wagon riding horses saddles Wanted JD 40 cult. Case Vac manifold an F14. 717-364-2216.

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Convert your Lincoln 225A AC welder to DC complete unit $75 can UPS. Berks Co. 215-367-7210 after 12 noon.

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Pair molly mules, 3 & 4 yrs. old, white main & tail, well matched, used on farm all summer, $3,500. Daniel Jay King, 455 Springville Rd, Quarryville, Pa. 17566

1978 Int single axle dump truck, DT-466 engine call after 6 p m. best offer Luz. Co 717-455-9940

Tractor tire chains like new 13 5x28 & 9x24. Lanc Co. 717-464-3136.

3 sheep 2 ewes, bred, 1 ram, all very nice. 717-944-1534.

1972 White dump truck 6-wheeler 38,000 GVW $3900, 1988 Chevy 4x4 auto. overdrive 53,000 miles, plow spreader, excel., $9800. 215-766-8361.

NH 315 baler 75 thrower e.l.c. controls nice $5000, IH 45 vibra shank w/ busterbar 18' $1650. Lanc. Co. 717-738-1041 call 6 p.m.

Woodworking 3-head sash shaper $950, plate compactor $975, 4000 lb. towmotor $1600, JD-RG 40 4-row cult., $850. North'd. Co. 717-286-5306.

74 Diamond Reo twin screw tractor 318 Detroit 66 hill 30' alum. dump trailer $11,000 for both York Co. 717-927-6066.

Bumper hitch off Ford 801, also Sauder loader brackets, 7½' Myers snow blade, brackets for long 460. Dau. Co. 717-921-2852.

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Hyd. cyl 16" stroke $40, 180 Amp A.C. welder $80, 24' elevator $175, small manure spreader, $160. Adams Co. 717-528-4166.

Tires- eleven 10-22 tires mounted, used, some new caps, lug tread, most 75% or better, $700 takes all Sch Co 717-739-2701.

Rent stone farm house southern Chester Co. 3 bed. 2½ bath. no pets, reference $800 security. Chester Co 215-347-0703

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JD F190 front mower JD 54 manure spreader JD 3-18" rollover plow JD 4230 diesel 4 post roof sharp. Leb. Co. 717-867-4538.

Sheltie puppies AKC, shots & wormed, $235, also Siberian husky male, AKC, 7 mths., $150. Lanc. Co. 717-665-2349.

Tox-O-Wic insecticide applicator- H.D. 3 H.P. air compressor. 717-733-4516.

3 Rottweiler females 3 yrs. old, 1 Rottweiler male 4 yrs. old, $300 each. 215-445-7842 after 5PM.

1982 Chev. Chevette, 4 spd., 4-dr., new tires, runs good, 78,000 mi., $1250 OBO. York Co. 717-244-7913.

Ear corn, timothy hay, dried walnut lumber 1x6x8. Adams Co. 717-642-5230.

NH 1895 harvester w/250HP Cat engine, AC cab, metal alert, 3RN, hay pickup. Make offer. Leb. Co. 717-867-1829.

3 rolls heavy gauge wire fence, good for sheep, goats, etc. 50', 70', 25'. 40" high, 35¢/ft. Liverpool. 717-589-7652.

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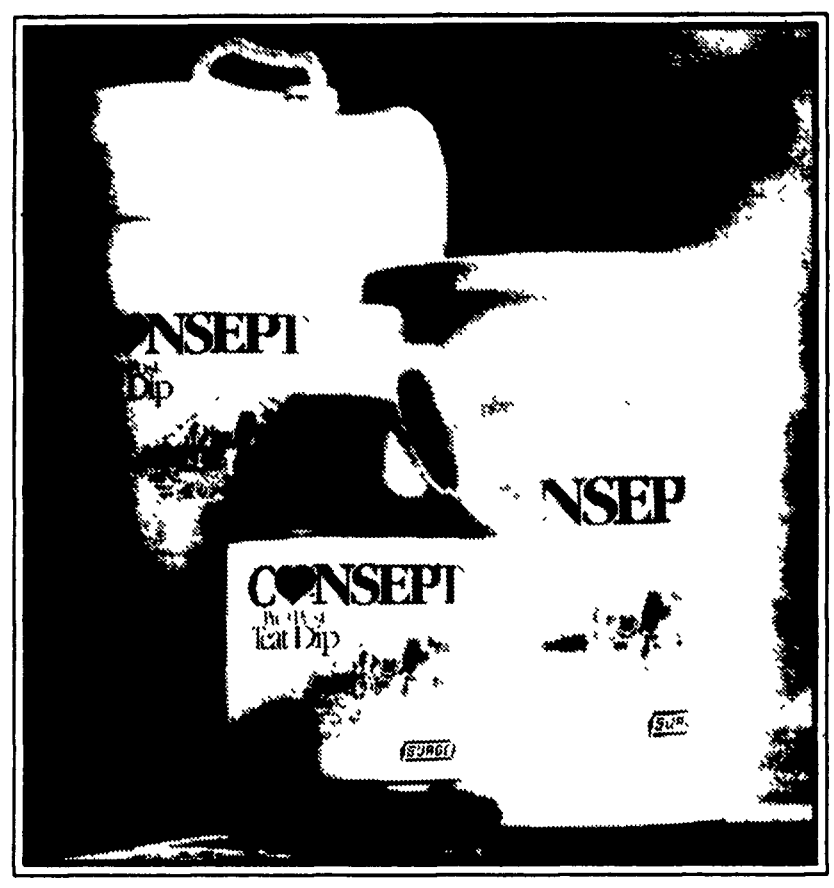

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JD 245 loader, single control lever very good. Perry Co 717-589-3057 - ask for Ed.

Hot air heater peerless 150,000 btu, $325. Power cement buggie prime mover $400. Bucks Co. 215-822-3575.

Overhead paint conveyor system 150' lg. make offer. Sheet steel ¼" thick $19.50 cwt. Brand new: small manure spreaders. Lanc. Co. 717-656-3050.

22"x44" mahogany 8 drawer desk solid wood nice condition $150 OBO. Lanc. Co. 717-397-1186 after 5PM.

400 gal. Esco milk tank with compressor. Worked when last used. 1963 Dodge 600 for parts. Berks Co. 215-856-1103 after 5PM.

Vikut meat saw, 120" blade, new bearings in pulleys, $600. Franklin Co. 717-762-5553.

Purebred pygmy bucks 1 month & older - $75. Some doe kids, potbelly piglets 5 wks. old. Berks Co. 215-589-2891.

4 Pekin ducks hens full breed 7 month all $20. Marlin Rolland, RD1 Orwigsburg, PA. 717-943-2273.

25 acres of wooded flatland w/stream, Schuylkill County near 309/895. $55,000. Call owner - 215-562-5294.

Rare Musquarna trail or mountain bikes, very powerful, excellent shape. Montg. Co. 215-326-9327 after 5PM.

JD 3020 dsl. WF dual hyd. 18.4-34 tires, JD 4x16 semi mount plow, JD 12' roller harrow. Berks Co. 215-562-5000, 562-5868.

Case Vac parts, Oliver, Farmall 40" tire rims, flywheels, crank for 6HP type M Int. gas engine. 301-834-8480.

Timberline fireplace insert $200, 50 gal. oil fire H/W heater $175, 3- 9:00x20 M&S tires $175. Adams Co 717-334-2083.

200 amp 4 cyl. gas stick welder 375 amp elec. stick welder Scotchman ironworker exc. shape. Fireplace insert. 10,000 lb. Yale forklift. Lanc. Co. 215-593-6112.

GE elec. stove very good cond. Beautiful gown ideal for this holiday season size 10 York Co. 717-993-6111 after 4PM.

1931 Model A Ford 4-dr. town sedan ¾ restored needs to be finished. Call for details. $4900. Lanc. Co 717-569-3359.

JD 115 rear blade 8' new $1175 - former owner deceased. Adams Co. 717-637-1232.

Wood furnace works with hot water oil furnace $600, homemade smoker $20 OBO. Perry Co. 717-789-3586.

Simco saddle, very nice cond. with bridle, pad, $200. New English saddle, knee rolls, leathers, irons, $175. York Co. 717-259-7721.

4WD Scout w/plow $350, 72 Ford w/plow, bushel apple crates $2.50, drag shovel $100. Col. Co. 717-672-2638.

6"x6"x16 treated pole barn posts $1.25 running ft. - other lengths avail. Fence posts $3.50. Holstein cow due Dec. w/2nd calf. 717-597-4494.

Antique baggage wagon "electric" like used at railroad station in 20s-30s 24V $375 717-545-2086.

656 IH dsl. Butcher equip. power grinder, iron kettle, electric saw. Lanc. Co 717-898-1539.

1981 Skidoo MX500 snowmobile very good cond. $900. Lanc. Co. 717-665-4900.

JD 4020 good condition, 2 Oliver 565 4x16 plows. Cumb. Co. 717-530-8243.

Whitetail deer, fallow deer, Barbado sheep, dorf goats, rugg grouse & small birds. All wildlife is PA permitted. Franklin Co. 717-264-4395.

1978 Double D 4-horse trailer, good cond. Lanc. Co. 717-367-1095.

Snapper riding lawn mower $175, grindstone w/motor $25, antique row maker cultivator $25. Berks Co. 215-693-5624.

Frick 00 sawmill, Frick flatbelt tightener, Frick gear box for sawdust good cond. Northd. Co. 717-758-3277.

Wood burner 22"L 12"W 13"H inside fire box measurement air jacket & blower never used best offer. 717-425-2743.

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Cat D8 cable blade new cutting edge, 1978 Ford LTS 9000 tri-axle dump, 1960 Dodge truck tractor. Northd. Co. 717-758-1734.

1980 Kawasaki KDX 250 Enduro bike looks & runs good, 960 orig. miles, $495. Lanc. Co. 717-442-9493 or 215-430-6694.

2- 15.5x38, 2- 13 6x38 tractor tires, ⅛ tread $25 each. 1 tube for 13.6x38 - will trade for 1- 14.9x26. Montg. Co. 215-723-7646.

Like new quality pine union camp 2x8's & 2x15's $6.50 & $7.50 each. Also 275 gal. oil tank $40. Lanc Co. 717-653-2753.

3000 50 lb. potato bags, brown, solid, with vent holes, 30¢. Lanc. Co. 717-656-8036.

Nipples for chickens 140' pipe, pressure reducer used very little $125 OBO. Lanc. Co. 717-354-5696.

2 Wright 1 ton chain hoists $55 each. Lanc. Co. 717-687-0204 after 6:30PM.

Loch stocker for parts. Walter Adams, Hamburg, PA. 215-526-7742.

Case IH 1896 4x4 ROPS 110HP, ex cond. Mifflin Co. 814-542-4486.

Christmas trees $15-$25 - choose & cut. Fresh handmade wreaths, 18", 20", 22", $7-$14. Gov Stable Rd., Elizabethtown, PA. 717-367-9214.

35 Int. 14' grain dump body nsp. good cond. 21,000 GVW $3000 OBO Lanc Co. 717-872-5514 after 5PM

40" elec. stove good $10, 2 kerosene heater new in box yet Ker-Sun x Omni 15 = Sun Air Glow 717-656-9548.

1 pair 16 9x38 Goodyear 8 ply tires, 45% tread, some sidewall cracks $100. 28 ft. Smoker elevator with good elec. motor. Harford Co Md. 410-838-5639.

1 mule big and stocky, ready to go $1500. Levi J Fisher, 160 Furnace Rd., Quarryville, Pa. 17566

1936 Ford 1½ ton running gear & frame w/axles & tires (no cab, fenders or hood) make offer. 410-335-7648.

1987 Dodge Dakota pickup, 17,000 mi., real clean $10,500. Snow plow fits Farmall M tractor $600. Bucks Co 215-493-4108

Case DC wide front Oliver 70 wide front AC WD wide front, Oliver 60, new John Deerd hydraulic pump fits 2010, 3010, 4010. Bucks Co. 215-847-5907.

28 acres, stone farmhouse, attached summer kitchen apartment, stone barn, large frame outbuilding located in Springtown (Bucks Co.) 301-964-9268.

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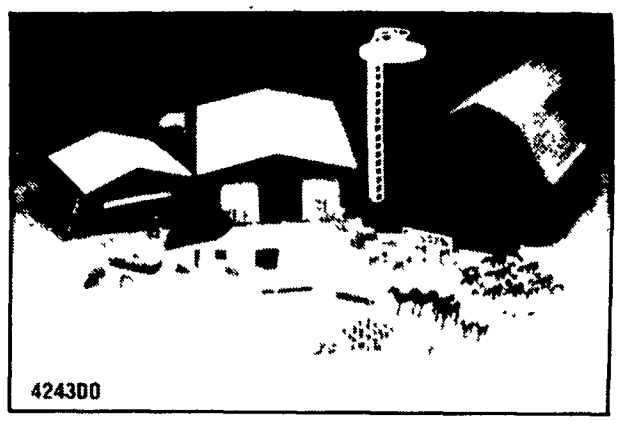

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2 quarter horses - 14 yrs., 2 yrs old Also firewood oak Lanc. Co. 215-484-0224

1959 Jaguar sedan, 3 4 auto, spare engine and trans $4000 OBO Balto Co Md 410-391-3534

Schram 35 CFM comp $350 Int' 392V8 eng $400, Rex roller 3-5 ton $800, 2-172 Ford engs. for parts $300, GMC 6x6 $500 pull type paver $400, D8 parts 410-378-2785

Big Valley stock trailer, 1983, 18 ft, good shape, shed kept, mats, plywood lined $2000. A A. Co. Md 301-969-4151

Fiberglass pickup cab, fits Datsun, Isuzu or other shortbed small pickups, good cond. $75 OBO Chester Co 215-932-5791

Penna. sand mound designs $100 Fulton Co 717-987-3865

Brown striped van seats, good cond Snyder Co 717-374-5486

2 seater Mennonite carriage, good paint, small bearing wheels, hydraulic brakes Bedford Co. 814-766-3871

United 2 HP Hit and Miss gas engine, complete not stuck, good winter project Carbon Co 717-386-4310 evenings.

IH 449-A mechanical lift corn planter, gandy hoppers, disc openers. Wanted Mennonite youth carriage Bedford Co. 814-776-2785 Jacob Sensenig.

Litter carrier with track, fiberglass tub, switching station. Lanc. Co. 717-392-6911.

Jack Russell terrier puppies, females $175, males $150. pedgirees included, can hold til Christmas Delivery can be arranged. York Co 717-697-1779

730 Case Comfort King for parts or repair 16.9-26 tires 95% on John Deere rims make offer. Berks Co. 215-683-9596.

88 Subaru GL 10 wagon FWD, 34,000 miles. Cumberland Co. 717-532-7590.

8 yr. old standardbred buggy horse w/snap, safe, sound. Asking $850 or trade for good spring wagon Franklin Co. 717-328-5713.

Heat houser universal fit, used one week, like new $60. Montour Co. 717-437-2811.

Sofa grey tweed, traditional style, ex cond. rarely used $200 717-859-3830 leave message.

'73 Freightliner COE, 209 Cummins RT 915, 85% tires, $3,250. IH 656 windbreaker $75. IH 2350 manure loader $3750. IH 2001 manure laoder $1,250. Fred Co. 301-845-4561.

Jersey bull 8 month old $200 Cash call between 6 30-8 30 pm. Chester Co. 215-593-6484.

NH 616 direct cut 5 ft. head, good shape $50. Daniel B Stauffer, RD 1 Box 805, Port Trevorton, Pa. 17864 Snyder Co

2 square tub wrnger washers as is $25. Electric and Frigidaire elec stove, white $25 York Co. 717-792-2185

JD 24 skid laoder $2400. NI wheel rake (nice) $425. Chester Co 215-857-3839.

JD 2010 gas NF 3 pt. SR 1 hyd very good cond. $2500 After 5 PM Delta, Pa 717-456-6167.

NI cutditioner #272, 5000 watt generator, 10 ft galvanized hay rack, chicken nests & feeders, watering trough 300 gal 2-90 Ski-doo snowmobiles! 301-239-3616.

Owatonna 95 grinder mixer with 3 screens, good cond. $1400. Lanc Co. 717-354-7257, no Sunday calls please.

Roping saddle-16", Winchester rifle, shotgun, Marlin rifle, 22 pistol. Carroll Co. 410-857-4639.

Picture window, thermopane w/grills, 60" wide, 54" high, $45 215-588-0198.

NI #7 1 row corn picker, good cond Sch. Co. 717-739-2693 after 6 p.m.

Chateau magic chief double oven & range $200 OBO, stainless steel sink w/faucet $50, also, tack & horses for sale, all in good cond. 215-869-8998.

Miniature donkey's gentle lovable grey's, brown & blacks, 6 mths. to 1½ yrs., 26" to 34", $500 & up. Berks Co. 215-582-4434

30" (inside) concrete pipe, excel. cond., 8' long 8 pcs. at $65 ea. Chester Co. 215-857-1303 no Sunday calls.

Gang mowers (3) w/frame, 6 blade $250, Cub Cadet 10 HP w/deck, $500. Montg Co. 215-584-4865

1976 Dodge 4x4 power wagon club cab PS 318 auto. trans. 1 owner York Co. 717-432-5001.

5 bred Nubian does, mature buck, top show quality, heavy milkers, reasonably priced, great X-mas gift! Harford Co. Md. 1-410-692-5274.

Oliver combine w/2 heads 10' grain heads 2 row corn head 525 3 btm. 14-lb. a.c. plow. Berks Co. 215-689-4168, after 7 p.m.

Messinger thrasher w/ straw cutter. Northampton Co. 215-837-6793 call between 8 a.m. & 9.30 a.m

3 Meyers snow plows, electro lifts, mounting frames, 6'6", 7', 7½ ', western hyd. lift units, by the piece or all. 410-398-7680 after 6 p.m.

Griswold skillet No. 20, $450, Griswold clutch ovens w/trivets No. 8 & 9, $65 ea. Wash. Co. Md. 301-733-2669.

Black walking horse 2 white socks 12 yr. old, $800. 301-829-0307.

16.2H chestnut TB gelding 5 yrs. old, English/Western very calm on trails, needs work due to pregnant owner, $1000. 301-569-2899.

Fiberglass tk. cap for 8' bed good cond., $225. Lanc. Co. 717-653-2721.

JD A unstyled hood nice $75, Oliver model JD B flywheel, starter, mountings $75, many used parts for Oliver 70. Adams Co. 717-334-0459.

Approx. 300 bales of mowed rye straw, $1.60 per bale. Lanc. Co. 717-687-6601 eves

Antique 1 horse sleigh, good cond, $1000 or best offer. Glouc. Co. N.J. 609-848-7445.

1969 Chevy Camara good engine some rust rally wheel's excel. for restoration, $2000 firm. Harf. Co. Md. 410-952-8447.

Oliver #454 4 btm. semi mount plow good shape, Gandy applicator bale chamber driven excel. Luz. Co. 717-379-2477.

Ford 8N late model good cond., $2200, JD 434N 4 row corn head fits JD 95 combine, $1100. 410-795-6484 after 6 p.m.

New marketwagon blue Interior. Benj. E. Fisher Buggy Shop, 3534 West Newport Rd., Ronks, Pa. 17572.

1985 Dodge cargo van, auto. slant.6, new tires, white, excel. appearance & running cond., 100,000 miles, $2,500. Adams Co. 717-624-7168.

New 6 room log cabin at manufacturers-builders cost. Located in excel. hunting-fishing area of Northern Franklin Co. 717-532-4882.

Good quality timothy & mixed hay $100 & $110 ton at barn, JD 2 btm. trail plow $100. Perry Co. 717-834-3882.

Farrowing crates round nursery feeders, 6 hole oblong nursery feeders, 18 ton feed bin w/9 ton compartments. Lanc. Co. 215-286-5407.

MAILBOX MARKET WANTED

Used roll away chicken nests, 1 with 10 hole or less. Lanc. Co. 215-445-5887.

500 gal. or larger propane gas tank. Lanc. Co. Paul S. Nolt, East Earl, PA.

1983 American Motors car fire in engine comp. need wire harness, carb air cond. valve cover etc. Dauphin Co 717-566-0234.

Want to locate a manx type (tailless) kitten. Lanc. Co. Call anytime & leave message 717-664-4948.

Private buyer wants farmette within 20 mi. radius of Annville, PA. Prefer privacy & older dwelling, any cond. Leb. Co. 717-867-2452.

Need a 200 or 400 amp double throw switch box can be good used. Paul F. Yerger, Auburn, PA. 717-754-4661 eves.

Office trailer in good cond., must be reasonable price, used greenhouses & 2 horse wagons wanted. Bucks Co. 215-453-9391.

Post hole digger 3 pt. hitch pref small size auger, good cond, reasonable. Bucks Co 215-968-2649 also pasture drag.

Midland garden tractor, running or for parts, also buzzsaw attachment for garden tractor. Bradford Co 717-265-6465.

Would like to buy a large 2 or 3 yr. old boar hog for breeding. Lanc. Co. 717-626-5813.

3 pt. hitch post hole digger & Farmall cub tractor in good cond. Lehigh Co. 215-395-2732.

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Wheel wghts. for Bolens older garden tractor, cast iron type. Bucks Co 215-493-0169.

Small 7 yr. old looking for peddle tractor grandma wants alpine or sannon buck goat. York Co. 717-292-4047.

Wanted 4WD tractor loader, trade for 7x16 alum livestock trailer, 1985 Winnabago camper, Ford 3550 tractor, all good cond 516-727-5402.

Fox forage chopper gear box w/rotation 1 to 1. Col. Co. 717-356-2511.

Front steel wheels for JD B Hunt. Co. N.J 908-788-2759.

Tractor 45 hp. w/FE loader, 3 pth. tree spade, tree seedling planter. Don DeWitt, 2814 Urbana Pk., Ijamsville, Md. 21754.

Engine for JD 4230 complete or bare block. Bucks Co. 215-723-7249.

Cast iron Tecumseh engine HH60 complete running or not. York Co 717-246-1504 eves.

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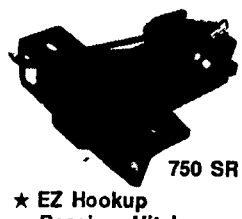

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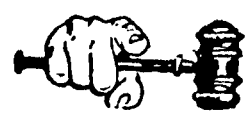

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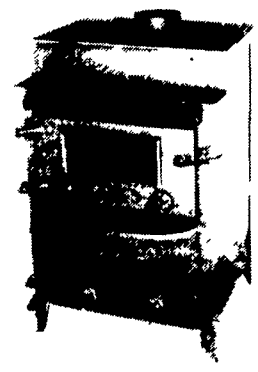

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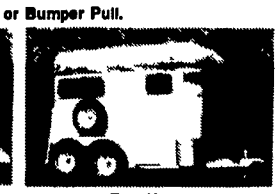

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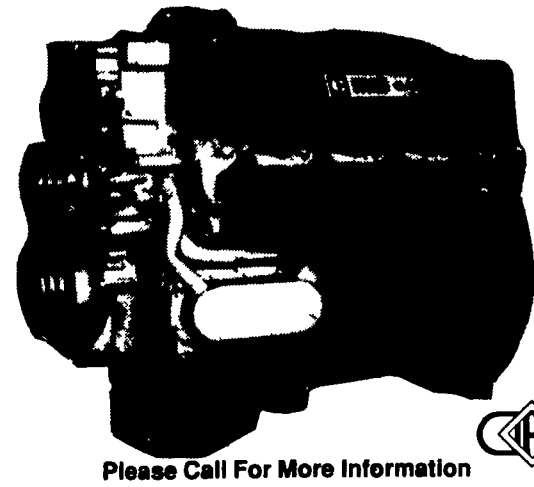

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Finish mower for MF135 tractor, also, cement mixer, contractor type or operated by MF135 tractor. Burl. Co. 609-265-0927.

30 tons of top quality alfalfa haylage for Jan. 717-354-5169.

Manure spreader in need of repairs, reasonable. Lanc Co 717-367-5622.

Small dirt bike or 4 wheeler for child 50 to 80cc running cond., & reasonably priced. Leb. Co. 717-274-5146.

Old fishing tackle, plugs, metal lurges, reels, creels, bamboo rods. Lanc. Co. 215-789-7981 call Rick.

Milking equipment, we need claws, pulsators, weigh jars, takeoffs, bucket units, pipelines, parlors. We pickup anywhere, E-Zee Equipment. 717-768-7599.

Left front fender & drivers door 1955 Chevrolet 3600 truck for sale pair Pilgrim geese $15. Lanc. Co 717-367-3807.

Tractor tire chains 16.9x24 or larger, also selling firewood or cut your own. Leave message. York Co. 717-266-5448.

6' snow bucket for Sauder loader, to fit hyd. fork model. Chester Co. 215-269-3442.

Steel wheels for #10 NI manure spreader or will trade w/rubber. Nippenose Valley. Ira Z. Stoltzfus, RR 3 Box 367, Williamsport, Pa 17701.

Used Mennonite 2 seated carriage. Lanc. Co. 717-355-0735 after 6 p.m.

Slide in salt spreader for PU truck & salt spreader for dump truck w/1 set of Ayhimes. 410-658-3457.

Wanted used metal hog slats. Chester Co. Daniel U. Stoltzfus, RR 4 Box 26, Honey Brook, Pa. 19344.

Sicklebar, logsplitter, or snowplow attachment for an Economy/or power king tractor. Bradford Co. 717-265-6465.

Will buy Scotch Highland cattle & donkeys & burros, to good home. Leb Co. 717-865-4473.

JD W-9 power unit, 1¼ HP, 3 HP, 6 HP, thresher, grain binder, hay press, corn sheller, cash sale. 717-597-4296.

Single row cultivating tractor such as "BG" M.M "B" AC E-2 co-op W/F w/cults. 717-755-6946.

Heavy-duty rear tine walk behind rototiller in excel. cond. Lehigh Co. 215-433-8826.

Cuckoo quail or trumpeter clock any cond. Marvin Klair, 2801 Old Limestone Rd., Wilmington, Del. 19808, New Castle Co 302-994-5484.

Fox 4310, 4410 or 4510 forage harvester & 3-row narrow chain & 8' pickup heads. Adams Co. 717-624-8561.

Attorney for farm business Montg. Co. 215-495-7919.

Manure fork for 225 NH skid loader. Lanc. Co 717-354-2732.

Holstein dairy herd 30 to 40 from farmer also helper on small dairy farm. Emanuel B. Huyard, 363 Stauffer Rd., New Holland, Pa 17557.

Pull type dirt scoop, not 3 pt. hitch Hunt Co. 814-447-3383

Oyster cans wanted, top dollar paid for old oyster cans, especially Baltimore w/bail handle York Co 717-764-5074 7-10 p.m. only

MAILBOX MARKET
NOTICE

Water Ram information booklets send $10. G. Kotula, 3037 Merritt, Reading PA 19608-1013 Falling water pushes water uphill

Attention Handspinners! Finest quality mohair. Available 3/1/92, $8 00/lb raw post paid. Clearwater Revival Farm, RR3, Box 2426, Allentown, N J. 08051

For Rent 2 bdrm. country apartment in Paradise, Lanc Co. Contact Joe Stoltzfus, 406 Mt Sidney Rd, Witmer, Pa. 17585

For Rent 3 bdrm farm house quiet setting no pets. York Co. Loganville Area. 717-428-2617.

Free Free Free AKC Reg. male Beagle 1½ yrs. house broken. N C. Co. 302-368-1143.

Free cats & kittens to good home will make good barn cats, little trained Chester Co 215-869-2532.

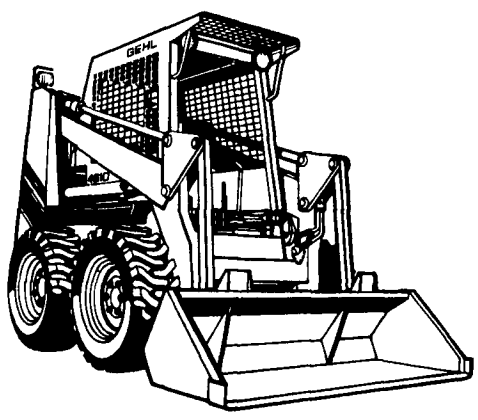
Willing to swap Mott 6' flail mower excel. cond. for gang mowers (3-4-5) in good cond. Lehigh Co. 215-767-2033.

3 Farmall Super M's w/ power steering to be sold at Joel King sale. (see ad), also 656 wheel weights. Joel King Jr., 268 Cambridge Rd., Gap, Pa. 17527

GEHL

World Class Performers

Gehl's elite Skid Loaders, the 3510/3610, boast efficiency, convenience and comfort. Featuring the super-simple T-bar controls in a split, side-mounted position, you can choose from a reliable, fuel efficient diesel or industrial gas powered engine. Stop in today and ask us about the high performance 3510/3610 Skid Loaders from Gehl!



For jobs that aren't fit for a tractor

The Gehl 4510/4610 Skid Loaders are the machines you can count on to get the job done. The more you use a Gehl Skid Loader, the better you'll like the job-tough, time saving features: • Self-leveling lift action • Side mounted Load-Trak T-bar controls • Easy to view instrumentation • Roll-back ROPS for easy serviceability • High-output hydraulics for smooth operation of a wide range of attachments • And much more. See your Gehl Dealer today on how the 4510/4610 Skid Loaders can get the job done for you.

Meet the workhorse!

No job is too big for the new Gehl Model 5620 Skid Loader And it makes all your jobs easier, thanks to exclusive Load-Trak T-bar controls—much simpler to learn and operate than foot controls. And it has more forward dump reach than any other loader in its class Other features include secondary operator restraint seat bar with padded arm rests Full instrumentation Self-leveling lift action Easy attachment change Auxiliary hydraulics. SAE operating capacity of 1,700 lbs And more Come in and see this workhorse today!

CASH DISCOUNTS OR
Waiver Till July 1, 1992 On All New Gehl Skid Loaders
OR
Low Rate Financing

FREEDOM FINANCING

18 Month Terms	24 Month Terms	36 Month Terms	48 Month Terms	60 Month Terms
0%	3.5%	5.5%	6.5%	8.9%

GEHL FINANCE
A DIVISION OF
GEHL
PHONE 414-334-9461

• Certain restrictions may apply. See your participating Gehl dealer for complete details. Gehl Company reserves the right to interpret, modify or cancel these programs at any time without prior notice.

Available From Your Local Participating Dealer

MILLER-LAKE
RR 02, Box 273A
Belleville, PA

STOUFFER BROS. INC.
1066 Lincoln Way West
Chambersburg, PA

UMBERGER'S OF FONTANA
RR 04 (Fontana)
Lebanon, PA

A.L. HERR & BRO.
312 Park Ave
Quarryville, PA

LEBANON VALLEY IMPLEMENT CO., INC.
700 E Linden St
Richland PA

ECKROTH BROS. FARM EQUIPMENT
RR 02, Box 24A
New Ringgold, PA

D.W. OGG EQUIPMENT CO.
Main Location
5149 Cap Stine Rd
Frederick, MD
Taylorsville, Md
(Bob's Welding)

HINES EQUIPMENT
PO Box 5, Rt 22
Cresson, PA
RR 03, Box 550, Altoona
(Bellwood)

BINKLEY & HURST BROS.
133 Rothsville Station Rd
Lititz, PA

LINCOLN SUPPLY & EQUIPMENT CO.
RR 02, Box 217A
Somerset, PA
Rt 135
McCoole, MD

ICKES FARM SUPPLY
Rt 1 Hwy 869 West
Osterburg PA

FANCY FURROW FARMS AG EQUIP., INC.
RR 01 Uhler Rd
Easton, PA

MILLER EQUIPMENT CO.
RR 01 Stauffer Rd
Bechtelsville, PA

Sale Reports

WOODS SALE

A Public Sale of the Mi Lin herd was held November 30 by Mike and Linda Woods, 2 miles north of Tioga, Pa. off Route 15.

The average of the 47 cows, 9 heifers, 4 yearlings, 5 calves and 1 bull was $895. The top price for the Holstein cows was $1500, $1425, $1325, $1250, $1100, two at $1075 and $1025.

Other prices included: Wic 52 SP feed cart $1050, Int. 550 spreader $400 and 300 Farmall tractor $725.

The sale managers were Woods Auction Service.

KREIDER SALE

A Public Auction of real estate was held November 29 by Fred J. and Grace Kreider, 4 miles south of the Buck along Route 272, E. Drumore Twp., Lanc. Co., Pa.

The 90 acre farm with a 2½ story frame house, 2 story frame barn, concrete feeding area, milking parlor and 3 silos was sold for $455,000 to Amos Z. Nolt, R.D. 2, Peach Bottom, Pa.

Kreider, Kline & Good were the auctioneers.

BECK ESTATE SALE

A Public Sale of personal property was held November 26 for the estate of Ammon Beck, 33 Ruby Street, Lancaster, Pa.

Some prices included: washer & dryer $60 each, Lazy Boy chair $210, dining room suite $65, color television $95 and air conditioner $40.

Claude Bechtold and Harold Keller were the auctioneers.

Sale Reports

CLINTON & MOYER SALE

A Public Sale of guns and collectibles was held November 29 at the Warwick Twp. Banquet Hall, Rt. 263, York Rd., Bucks Co., Jamison, Pa.

Some prices were: Northwood carnival hat pin holder $1600, sleigh bells $160, 6 pc. pitcher & bowl set $190, Winchester 12 ga. pump gun $290, Rem. Sportsman 20 gauge shot gun $230, long rifle from Lehigh Co. (Moll) $925, Cortland buggy $1900, horse drawn sleigh $475, farm sled $400, child's antique wood sled $220, Hoosier cabinet $650 and half-spindle settee $440.

Robert H. Clinton was the auctioneer.

ALDERFER CONSIGNMENT SALE

A Public Sale of glassware collections was held November 26 at 501 Fairgrounds Road, Hatfield, Pa.

Some prices included: Monart art glass vase $2500, Cameo art glass pitcher $300, Webb decorated peach blow $250, cut glass 16" vase $1050, cut glass milk glass pitcher $1500, 7 cut glass ice cream dishes $875, Trout & Fly green carnival glass bowl $625, large blue oval Kougel $200 and large 6" diameter red Kougel $210.

Alderfer Auction Company conducted the sale.

LAUBE SALE

A Public Sale of real estate was held November 30 by Mr. and Mrs. E.J. Laube, Franklindale, Bradford Co., Pa. There were many bidders present.

The #1 parcel of 88.63 acres with an older barn, and pond site was sold for $61,000.

The #2 parcel of 20 acres with open and wooded ground was sold for $20,000.

Jerry Burke was the auctioneer.

STAMAN SALE

A Public Auction of farm machinery was held November 30 by Burton Y. and Majorie L. Staman, R.D. 2, Montgomery, Pa. This is 2 miles east of Elimsport.

Some prices received were: A.C. 185 tractor $6800, A.C. 180 tractor $4800, A.C. D 17 tractor $2000, A.C. D 15 tractor $2800, A.C. WD tractor $1400, Moritz livestock trailer $2150, N.H. 782 chopper $8200, 2 H & S self-unloading wagons $3100 & $3250, H & S manure spreader $2000, N.H. 256 rake $1250, N.H. 28 blower $900, Brillion seeder $1700, oak hall rack $625, marble top dressers up to $475 and old baby cradle $285.

Fraley Auction Co. conducted the sale.

WEAVER ESTATE SALE

A Public Sale of real estate was held November 26 by the estate of Mary E. Weaver, 520 West Conestoga St., New Holland, Lanc. Co., Pa.

The brick rancher with an attached garage and oil hot water heat was sold for $89,500.

Horst Auctioneers managed the sale.

SHOLLY SALE

A Public Sale of antiques and hand tools was held November 28 by Mrs. Mary Sholly, 477 Garriston Road, York Haven, Pa. There were 356 registered bidders attending the sale.

Some prices were: 1969 Ford Torono convertible $4500, oak bedroom suite $1200, printer's cabinet $460, 2 Zeigler crocks $80 & $160, black boy eating watermelon pitcher $80, whiskey decanter car $42, toy blue car w/ driver $100, toy forklift $40, shoe shine case $55, trolley car fare box $105, cabbage cutter $80, table lamp $250, wooden horse & rider $54, 1883 silver dollars $40 & $42 ea., Daisy gun $90, 20 Gauge shotguns $70 & $140, Remington 1917 bayonet $120, table saw $230, Black & Decker arm saw $280, cut-off saw $170, Delta saw $200, table saw & jointer combination $540, drill press $215, ½" drill $90, Black & Decker router $60, pie plate $140 and 1888 hand saw $75.

Little IKE Eichelberger was the auctioneer.

ALDERFER SALE

A Public Sale of antique dolls and collectibles was held November 29 at Fairgrounds Road, Hatfield, Pa.

Some prices received were: Simon Halbig 28" doll $515, J.D. Kestner doll $440, Shirley Temple doll $775, Hess boat (mint condition in box) $1000, Hess White tanker truck $500, Casey Jones Cannon Ball Express pedal toy $475, French carved diningroom suite $7500, pair of ramshead plant stands $975, large Victorian mirrored armoire $1150, Ford tractor w/3 pt. hitch $1150, rotary mower $400 and black sleigh from Coppersburg, Pa. $75.

Alderfer Auction Company conducted the sale.

HILL SALE

A Public Sale of grade Holsteins and farm machinery was held November 29 by Mr. and Mrs. John Hill, Jr., 7 miles northeast of Wellsboro, Tioga Co., Pa.

The top price for a cow was $1600 with the 18 cows averaging $950. The average of all the animals was $813.

Other prices were: A.C. 180 tractor $4900, Int. C tractor $600, N.H. side delivery rake $900, and McCormick Deering threshing machine $600.

Dick Crittenden Auction Co. managed the sale.

ROSSI SALE

A Public Auction of real estate, household goods and antique toys was held November 30 by Thomas N. and Marion L. Rossi, 2384 Robert Fulton Highway, Peach Bottom, Lanc. Co., Pa. There were more than 150 registered bidders at the sale.

The 60 acre farm with a restored stone farmhouse, 2 story frame barn and a garage was sold to Ray and Kim Sullivan, Quarryville for $191,500.

Other items sold were: Massey Ferguson tractor w/three foot mower $3250, various metal toy boats $30 to $150, toy metal Ferris wheel $225, carnival tin truck $155, Sharps model 1863 percussion cap rifle $600, oak wall phone $300, hanging ceiling light $160, child's oak roll-top desk $105, oak dresser $100, small kitchen cabinet $200, old pictures $80 each, telescope $57 and 2 snowmobiles $650 each.

The auctioneers were Gary L. Shirk and Lloyd H. Kreider.

MATOUSHEK SALE

A Dairy Herd Dispersal was held November 30 by Louis Matoushek, Waymark, Wayne County, Pa.

The average of the 31 cows sold was $920; the average of the short bred heifers was $690; the average of the open heifers and yearlings was $550. Two cows sold for over $1200, one brought $1175, two sold for $1150, four sold for $1125 and 16 brought up to $1000.

Wayne E. Weaver was the auctioneer and sales manager.

HOOVER SALE

A Public Sale of a 77 acre dairy farm was held November 30 by Isaac Hoover, R.D. 1, East Earl. The farm was located in Franklin County on Lime Kiln Road.

The 77 acre farm with a 2½ story brick home, dairy barn and 2 silos was sold for $130,000 to Allen Leid, Orrstown, Pa. The property also has two lots with mobile homes.

Melvin Sensenig and Nevin Z. Martin were the auctioneers.

CAMPBELL SALE

A Public Auction of real estate was held December 4 by Jean Campbell, West Road, Salisbury Twp., Lancaster Co., Pa.

The 24.8 acre dairy farm with a house, barn and 3 silos was sold for $272,000 to Steven J. Stoltzfus, Clearview Road, Gordonville, Pa.

Steve and Steve, Jr. Petersheim were the auctioneers.

PUBLIC AUCTION

EXCESS BUILDING EQUIPMENT & MATERIAL

SATURDAY, DECEMBER 28, 1991

9:30 AM

LOCATED: 7655 Harmony Grove Rd., Wellsville, PA. West of Wellsville (Off Rt. 74) toward Kralltown to Harmony Grove Rd. on left to top of hill. Watch for signs on right.

EXCESS BUILDING MATERIAL — EQUIPMENT — TOOLS

Porta Space Job Trailer 8x16, Yamaha 4 Wheeler, Bench Drill Press, 10" Craftsman Table Saw, 6" Craftsman Jointer, 10" Craftsman Radial Arm Saw, Honda 3500 Generator, Emglo Gas Air Compressor, 2 h.p. Electric Masonry Saw 14", Diamond Blade 14", 12" Abrasive Blade, Essix Mortar Mixer, Job Tool Box on wheels, 7 Pole Jacks, Tapco Siding Saw Table, Power Pipe Vise, Tripod Pipe Vise, ½" Thru 2" Pipe Dies, Rigid Pipe Cutters - 2", ½ to 2" Pipe Reamer, Asbestos Shingle Cutter, 4' & 5' Scaffold Frames, Scaffold Pulley, Pole Climbers & Belts, Stanley Mitre Box, Power Mitre Saw, 5½" Mikta Saw, Ammo Gun, Drill Bit Sharpener, Kerosene Heaters, Electric Heaters, Propane Heaters, Roof Jacks, Temp. Electric Service, Shovels, Rakes, Hoes, Maul, Log Lifter, 250 gal. Water Tank, Champ 202 Water Heater, Wall Wire, Siding, Soffit & Channels, Electric Supplies, 2x4 Lay-in Fixtures, 4' Channel Fixture, Plumbing Supplies, Fittings (Plastic, Copper & Metal), 4" Black Drain Pipe & Fittings, Roof Shingles, 18x36 Oak Wall Cabinet, Channel Drain, Door Hardware, Pentil Hitch, Screw Jacks, Well Vise, Brick Tongue, Buckets, Eureka Upright Sweeper, Used Tires, Honda 350 Motorcycle, & Misc. Building Related Items.

TERMS: CASH OR GOOD CHECK

AUCTION CONDUCTED FOR:

Steve E. Slothower

292-1536

AUCTION CONDUCTED BY:
Rentzel's Auction Service
Blaine & Nevin Rentzel
Emigsville, PA
764-6412
PA Lic. #761 & #2483

"HORST AUCTION CENTER"

PUBLIC SALE

ANTIQUES, HOUSEHOLD, GOODS, TOOLS, J.D. LAWN TRACTOR

WED., DECEMBER 18, 1991

3 P.M.

Sale to be held at the Horst Auction Center, located at the corner of Rt. 322 & Durlach Rd. (approx. 2½ miles West of Ephrata), Ephrata, Lanc. Co., PA.

FURNITURE: Bird's Eye Maple Bedroom Suite; Cherry Dining Room Suite; 5 Pc. Broyhill Bedroom Suite; Maple Dinette Set w/Closed Hutch; Pine Bookshelf; Quilt Rack; Maple Chest of Drawers; Oak Parlor Table; Box Springs & Mattresses; La-Z-Boy; Sofa Bed; Love Seat; Sectional Sofa w/Recliners; Breakfast Set; Card Tables & Chairs; Braided Room Rugs.

APPLIANCES: G.E. Refrigerator; RCA Automatic Washer & Dryer; G.E. Microwave & Stand; Dehumidifier; 20" Color T.V.; Table & Floor Lights; Sweeper; Gas Grill; Fans; C.B. Radios; Bearcat Scanner; Radios; Component Stereo; Kerosene Heater; Lantern Lights; Exercise Equipment.

CHINA & GLASSWARE: Carnival Glass; Tin ABC Plate; Leeds Plate; German & Bavarian; Blue Willow; Ironstone; Noritake; Store Plate; Pressed & Pattern Glass; Bull's Eye Glassware; Depression Glass; Stoneware China; Collector Plates; Roseville Vase; Jardinieres; Umbrella Stand; Dairy Bottles; Crocks & Jugs.

LINENS: Baskets; Cookie Cutters; Atkinson Fox Print; Pictures & Frames; Books; Griswold & Marietta Iron Kettles; Tinware - Butcher Pans, Tobacco Cans, Ice Cream Dipper; Brass & Copper Bells.

TOOLS: Craftsman Lathe & Chisels; Drill Press; Bench Grinder; Band Saw; Jack Stands; Drills; Work Bench; Workmate; Hand & Garden Tools; Implement Wrenches; Ford Wrenches; Alum. Extension Ladder; Bar Scales; Single Trees; Blacksmith Tools; JOHN DEERE STX-38 GARDEN TRACTOR (1½ yrs. old); Toro Snow Blower; Honda Lawn Mower (Like New); Lawn Edger; Garden Shredder; Scotts Spreader; Wheelbarrow; Fishing Rods & Reels.

No Out Of State Checks Unless Accompanied By A Current Bank Letter Or Prior Arrangement With Auction Service.

SALE FOR:

HORST AUCTS.
AU438L
T. Glenn
Timothy G.
Thomas A.
(717) 859-1331 · (717) 738-3060
Fax # (717) 738-2132
"VOICES OF EXPERIENCE

STEUBEN SUPPLY CO.

AUCTION

COMPLETE SHOP-ROLLING STOCK EQUIPMENT-INVENTORY

WED., DEC. 18, 10:00 A.M.

(BLIZZARD DATE: THURS. DEC. 19)
STATE ROUTE 54
(BATH-HAMMONDSPORT RD.)
BATH, (STEUBEN CO.) NEW YORK

Changing operations, selling a beautiful line of new, demonstrator and used goods! This will be a large, all day auction of very desirable merchandise for farmers and contractors and related industries! This ad is of highlites only!

EQUIPMENT-ACCESSORIES: 1988 Ford F-450 (heavy duty 1 ton) with diesel engine and 12 ft. stake body; 1979 Ford 9000 with diesel engine and 22 ft. stake body; 1985 Dodge Ram 250 pickup; Yale gasoline powered indoor/outdoor forklift; Bush Hog model 350R 3 pt. rotary mower; York RB model pull type stone rake; York Pro model 3 pt. stone rake; Viking (demonstrator) model 1142 reversible snow plow for heavy duty truck; (new) Everest KBC 10 ft. 2 to 3 ton yard body for 1 ton truck; 2 (new) Parkhurst (13 and 10 ft.) wooden floor stake bodies with bulkhead and racks; New Parkhurst 12 ft. steel floor stake body with bulkhead and racks; Demonstrator model Holmes utility body for single wheel (60 in. cab to chassis) 3/4 ton or 1 ton; Heavy duty Sicard snow blower for loader; Complete new Western pickup plows, along with various new Western plow parts and accessories; Snow plow blades and shoes for heavy duty use; Material spreader parts; pickup and heavy duty Viking-Western and Myers snow plow parts; 10 ft. flat trailer; Walk behind snowblower; etc.!

SHOP: Lincoln Ideal Arc DC 250 mig welder; Lincoln AC welder; LexAir airless paint sprayer system; Hyd. system press- hoses and fittings! Torches and gauges; Waber frame drill; Dayton drill press; plus all hand held tools and shop support items!

INVENTORY AND MISC.: Qty. of new sign posts; 3 new Homelite trash pumps; hard hats- gloves- boots- rainsuites- and misc. safety equip.; heavy duty shovels- rakes- hoes and various related tools; log and tire chains; cable; new truck lights; Weatherguard truck and van accessory items such as ladder racks-drawers and dividers, etc.; plus all the other new story inventory!

Terms: CASH or honorable check day of auction. Acceptable ID required!

Owned by

STEUBEN SUPPLY CO., INC.

607-776-3339

Auction Conducted By:
James P. Pirrung
PIRRUNG AUCTIONEERS, INC.
Wayland, New York
716-728-2520

PUBLIC AUCTION

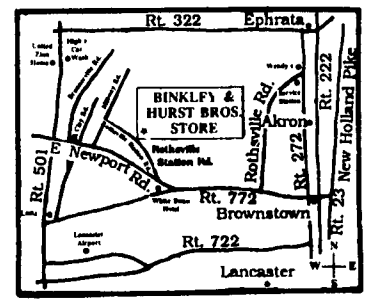
FARM MACHINERY

AND COLLECTIBLES

Friday, Dec. 20, 1991 - 9:30 A.M.

At Binkley & Hurst Bros., Inc., Lititz, PA

Location: between Ephrata and Lancaster, along Route 222, at Brownstown exit take Route 772 West to Rothsville, turn right at White Swan Hotel onto Newport Road, then first road right, Warwick Township, Lancaster County, PA. Only about 4 miles from Lancaster Airport.



This Year As Part Of Our Year End Cash And Carry Days, Binkley & Hurst Bros., Inc. Is Including A Public Auction. During 1991 We Have Accumulated A Good Selection Of Quality Trade-Ins And In Order To Clear Our Yards For 1992, We Are Planning An Absolute Auction With No Reserve Bids, No Buy Backs. You Are The Buyer, You Make The Price. Plan Now To attend This Public Auction Of The Following Items:

ALL ITEMS TO BE SOLD WITH NO RESERVE BID, ABSOLUTE SALE: YOU MAKE THE PRICE!

MACHINERY ITEMS

Woods 3 Pt. RB6 Scraper Blades 6 Foot, 3 Pt. 1 Row Cultivator, 3 Pt. Utility Carrier, 3 Pt. 2 Bottom Moldboard Plow, 3 Pt. Single Shank Subsoiler, IH Model 60 Coulter Chisel Consertil, Massey Ferguson 17x7 Model 33 Grain Drill, Very Good Condition, John Deere 7 Foot Sickle Mower, New Holland 469 Haybine With Good Rolls, Hesston PT10 Mower Conditioner 9 Foot With Stub Guards, Brady 12 Foot Model 1440 Stalk Chopper, John Deere Model 210 Disk Harrow 12 Foot Rock Flex Bearing Hangers Nice, 3 Pt. Disk Harrow 5'6" Cut Double Gang, Heavy Duty Jumbo 3 Pt. 8 Foot Blade with Adjustments, 12 Foot Cultipacker, John Deere Model 230 Wing Fold Disk Harrow 21 Foot, John Deere 12 Foot BWA Disk Harrow, Miller Offset Series III Heavy Duty Offset 11 Foot Disk Harrow, John Deere 11 Foot Model 210 Disk Harrow Double Offset, John Deere 12 Foot AW Disk Harrow, Brillion Cultimulcher 14 Foot With Inboard Transport Wheels (Late Model), IH Model 430 Square Bale Baler With Thrower In Good Condition, New Holland Super Hayliner 69 Baler With Thrower, 8 Foot Cultipacker, IH Model 56 Forage Blower, New Holland Model 26 Blower, Oliver 11 Foot Model 252 Disk Harrow, John Deere 12 Foot AW Transport Disk Harrow, Athens 10 Foot Model 131 Rockflex Disk Harrow, IH Model 475 14 Foot Disk Harrow, Athens 21 Foot Model 84 Wing Fold Disk Harrow, Ontario 16x7 Grain Drill with 9x20 Tires, IH 510 Grain Drill 13x7 With Double Disc Openers & Grass Seed, John Deere 4 Bottom Semi-Mount Plow, John Deere 3 Bottom Model F845 Rollover Moldboard Plow With Coulters & Trash Covers, John Deere 5 Bottom Hydraulic Auto Reset 18" Moldboard Plow With Curved Coulter Disc, John Deere Model A2500 5 Bottom 18" Spring Automatic Reset Plow, John Deere 220 Centerfold 18' Disk Harrow With Rock Flex Bearing Hangers, Krauser 1580 Centerfold 18 Foot Rock Flex Disc Harrow, Gehl Model 960 Forage Box with 3 Beaters and Roof, New Holland 14' #7 Forage Box, New Holland Tandem Axle Tank Spreader With Hydraulic Lid Opener, 300 Bushel E.Z. Flow Gravity Bin Mounted On Heavy Duty Running Gear With Rocking Bolster, Badger 12 Foot Pit Pump Which Hydraulics Into Manure Pit, Better Bilt Irrigation or Manure Pump High Pressure 800 GPM 540 PTO, 2 Shank Liquid Manure Injector Kit, N-Tech 25 Foot Lagoon Pump, 540 PTO, Heavy Duty 3 Pt. 5 Shank Subsoil Chisel Plow, Athens Model 250 Heavy Duty Offset Disk Harrow With 26" Blades, 10" Spacing, Case IH 6500 9 Shank Conser-Til Coulter Chisel With Hydraulic Coulters and Midwest Buster Bar, Case IH 7 Foot Model 20 3 Pt. Scraper Blade, Case IH #11 5 Foot 3 Pt. Blade, Case IH Model 15 6 Foot 3 Pt. Blade, Horse Drawn New Holland 310 Baler With Engine In Good Condition, Case IH Model 5300 24x6 Grain Drill With Double Disk Openers, John Deere Rockflex 220 Center Fold 20' Disk Harrow With Complete Hydraulics, Case IH 13½ Foot Vibrashank Field Cultivator Pull Type, Case IH 15½ Foot Hydraulic Fold Wing Model Vibrashank With 11'8" Transport Width, Ball Hitch, E-Z Tilt 2000 Lb. GVWR Utility Trailer With 5'x8' Bed With Sides, 1500 Lb. GVWR Utility Trailer with Ball Hitch and Tilt Bed 4'x8', 10 Cu. Ft. Dump Cart, Hand Pull 7 Cu. Ft. Dump Cart, New Addition IH 7 Foot Semi Mount Pitmanless Sickle Bar Mower, Like New.

NEW & USED PRESSURE WASHERS

— USED —	— NEW —
1 Liquid Brush Washer, 1 Handy 640, 1 2200 PSI 7½ HP on Cart, 1 7½ HP Used Motor Leeson, 1 Mi-T-M Skid Mount Hot Water 11 HP Briggs.	1 Cam Spray 1000 PSI Electric, 1 Cam Spray 1200 PSI Electric, 1 Cam Spray 1500 PSI 5 HP Honda, 1 Hobby Wash 1500 PSI Electric.

COLLECTIBLES-Antique Farm Implement Sign And Old Case Literature And Collectible Toys Including Pewter

Old Case Tractor & Implement Operator Manuals, Case 70 Series and 90 and 94 Series Sales Literature and Others, Old Antique Farm Implement Sign - Come & See, Collectible Pewter Farm Toys and Others, Collector 1/16 Scale 66 Series Farmall Tractors, Hydro 100 and 1566, **Service Manuals** For Case 380 CK Loader Landscaper Tractor, 380 CK General Purpose Tractor, 1816 Uniloader, Case 850 B Crawler, Case 1570 Farm Tractor, Case 2090 and 2290 Tractors, 120 Case Compact Garden Tractor Service Manual, Case 584C and 585C and 586C Construction King Forklifts, Case 4490 and 4690 Service Manuals.

SKID LOADERS, TRACTORS, LAWN & GARDEN

Case 1070 Diesel Cab Tractor With Power Shift, IH 1456 Diesel Tractor With Cab & Heater, White 2-105 Tractor With Dual Wheels and Over Under Shift, Case 1830 Uniloader With 10:00x16.5 Tires and 60" Material Bucket, Bobcat 722 Hydrostatic Skid Loader With Aux. Hydraulics and Lights and 60" Bucket, Case 1816C Uniloader With Less Than 1900 Hrs; Case 1835 C Diesel Uniloader 1988 Model With 66" Bucket, New Bolens 12 HP Rear Engine Riding Mower With 36" Mower, Case 14 HP Model 224 Riding Mower With New Kohler Short Block and 46" Mower and Hydraulic Drive And Hydraulic Lift, Bolens 15 HP Riding Mower With 38" Mower, Ariens 11 HP Riding Mower With 36" Deck, Cub Cadet Model 126 Riding Tractor With 48" Mower And Snow Blade and Snow Blower and Engine Overhaul 2 Years Ago, John Deere 214 Riding Mower With 48" Deck, IH 18 HP Diesel Model 234 Tractor 2WD With Mid-Mount Woods 60" Mower Deck Only 124 Original Hrs. New Additions, IH 606 Gas Wide Front Tractor With Good TA and IH 34 Loader 53 HP.

MISCELLANEOUS PARTS & ACCESSORIES

Tire Chains For 14.9x28 12-4x28 18.4x38 7.50x20, Tow Chains 3/8"x20' and 3/8"x16' Several Sets, Assorted Load Binders, Sideboard Kit For 45 Foot Trailer With Aluminum Stakes And Bows, Assorted Used Rims, Assorted Tractor Weights and Weight Frame and Grill Guards, Assorted Farm-Industrial- and Truck Tires, New and Used 24.5x32 Tires On Rims With Dual Axle Hubs, for 3¼ " Axle Size 23.1x34 Duals New 7.50x20 Mud & Snow 10 Ply Truck Tires and Many More, Used 20.8x38 and 18.4x38 Tractor Tires for Duals, 18.4x26 Tires On Rims With Hub Extensions, Used Hydraulic Crossfill Auger For John Deere 4 Row Planter, Assorted Plywood & Lumber, Large Backhoe Bucket, Case 73" Utility Bucket For Case 1845 Uniloader, Gehl 48" Bucket To Fit 3010 Series Gehl Skid Loaders, 73" Case 1845 Bucket With Teeth, (10 AgroFarm Combine Bushel Counter, Paint: Red Barn & Fence Paint, Misc. Qts., New Holland Red, Allis Chalmers Cream, M.F. Red, J.D. Yellow, Farmhand White, (2) gal. J.D. Industrial Yellow, Misc. Harrow and Cultivator Shovels, Misc. Plow Parts, Misc. Disc Blades, 2 of #548786R91 New Fill Operator Platform Stand For 6 Row Planter, 1 Used Rear Hood 806 Farmall, 1 Used Front Hood 806 Farmall, 1 Used Grill Farmall H, 1 Used Auger For 7½ ' IH Hay Head, 1 New 166254C91 - 12"x26" 8 Bolt Wheel, 2 Used 395856R1 14"x30" Rim for IH 74-84 Series, 1 New 63720D 12"x26" Rim - IH 04, W4, 06, W6, 1 Used K301014 14"x30" Rim For Case 1290-1490, 1294-1494, 1 New Take Off K300401 Left Fender For Case 1190, 1194, 1 New Take Off K300403 - Right Fender For Case 1190, 1194,Misc. Speed King Grain Auger And Bale Elevator Parts Such As Pulleys, Belts, Brackets, & Clamps, Sprockets, Chains, Shields, Cable, Various Lengths Of New Hyd. Hose, 2 New Take Off Left Platform Steps For IH & Case IH 84, 85, 95 Ser. Trac., 1 New Take Off Right Platform Steps For IH & Case IH 84, 85, 95 Ser. Trac, 2 Used 14"x34" Double Bevel Rims, 1 Used 12"x36" 9 Bolt Wheel, Misc. David Brown Fenders.

This Block Of Equipment To Be Sold With Low Minimum Bid

Dunham Lehr 24' 9" Hydraulic Wing Fold Cultipacker Late Style Model, AMCO Model F15B Hydraulic Fold 21 Foot Wing Disk Harrow With Rock Flex Bearing Hangers, New Holland 311 Horse Drawn Baler With Engine Like New, New Holland Heavy Duty Model 200 10 Foot Offset Disk Harrow, Richardton 700 Dump Wagon Used One Season, Case IH Round Baler Model 3650 5'x6' Bale Size, Case IH 18 HP Diesel Tractor Model 235 4x4 Hydrostatic Drive With 3 Pt. Hitch, 540 PTO, Case IH Model 475 12 Foot Rockflex Disk Harrow, Gehl Model 2240 Mower Conditioner 12 Foot Swing Frame With 540 PTO.

Order Of Sale: Starting 9:30 Miscellanous Parts & Accessories, Antique Sign and Old Literature and Collectible Toys, Pressure Washers, Farm Machinery With Tractors Uniloaders and Lawn & Garden Mixed In.

Due to Daily Business Some Advertised Items May Be Sold Prior To Sale and Other New Arrivals May Be Added, So Come & See What We Have For You.

Sale By: BINKLEY & HURST BROS. INC.

133 Rothsville Station Road, Lititz, PA 17543
(717) 626-4705

Auctioneer: JOHN D. STAUFFER Auctioneers AU-1509-L

There Are Not Many Small Items, So Come Early
Lunch Stand Will Be Provided
Terms: Cash Or Good Checks, Ident. Required For Buyers No. And Prior Approval For Out Of State Checks
Not Responsible For Accidents

Lunch Stand Will Be Provided

As A Reminder Our Annual Cash & Carry Discount Days Run From Wed., Dec. 18th To Sat., Jan. 4, 1992 On Parts And Other Machinery Not On Auction. A Message From Our Parts Dept. To Enable Us To Better Serve Your Parts Needs (Which Will Be Discounted) On "Auction Day". Call Our Parts Dept. In Advance With Your Order For Pickup On Auction Day.

Sale Reports

STOLTZFUS SALE

A Public Auction of plumbing supplies and woodworking tools was held November 29 by Abram and Sadie Stoltzfus, 339 Spring Garden Rd., 2 miles west of White Horse, Lancaster Co., Pa.

Some prices included: large air compressor $1710, Lincoln welder w/motor $1300, 25 h.p. power unit $900, 5 h.p. compressors $450 & $580, Honda high pressure washer $610, drill press $280, mud mixer $525, 10" arm saw $230, band saws $375 & $470, miter saw $700 and dust collector $725.

Robert E. and Jeffrey R. Martin were the auctioneers.

BEILER HARNESS SHOP SALE

A Public Sale of shop equipment and supplies was held November 30 by Beiler Harness Shop, 1 mile east of Quarryville on Route 372 in Lanc. Co., Pa. There were 208 registered bidders at the sale which will be continued Dec. 21 at 9 a.m.

Some prices included: Landis Number Three sewing machine $2500, Landis stitcher $2475, Landis Number Three harness stretcher $1700, Singer sewing machine $665, Randall Crown splitter $480, Randall creaser $440, riveter $295, driving harness $275, new work harnesses $270 each, adjustable collars $60 to $70 each, English saddle $130 and Western saddle $80.

Robert E. Martin and Jeffrey R. Martin were the auctioneers.

LARGE PUBLIC AUCTION

FRI., DEC. 20, 1991 - 9:00 A.M.

NEW & USED SURPLUS AIR COMPRESSORS & EQUIP.

Located At Diffenbach's Auction Center,
100 W. Jackson St., New Holland, PA 17557

6000 LB. FORKLIFT ON STEEL

APPROX 20 NEW & USED Air Compressors from 1 hp to 20 hp Mostly Quincy Single & 2 stage, Eaco Milling Machine Joy Twistair Model TA-01STAN2D rotary screw air compressor with dryer, Oman 30 KW generator Electric plant w/Ford Industrial engine, 3 Greco air powered plant sprayers on wheels, Large 60" Fairbanks lathe w/4 jaw chuck assey & steady rest, Large CT & S belt drive drill press w/lots of different gears, 30 Ton punch press; 6" Gorman-Rupp Trash pump w/4 cyl. Deutz diesel exc cond , Logan Model 1815 lathe, 20" DeWalt radial arm saw, Hobart 200 amp tow behind portable welder, ex cond , 10" Jet table saw, Heavy duty 12" table saw Lincoln portable welder, Different sizes of heavy welding tables; Fairbank scales Miller Model CP-3YS Mig welder w/attachments, Oster Model 20-A Power threader, Toledo Model 999 Power Threader, Oster Model 310 Power drive; Other power drives 3 Pallet jacks; small punch press; US 52/26 Amp electric plant w/ Hercules Eng good cond., 36" Power Concrete trowler w/Honda Eng.; Miller Model SR300-32 Welder, Power trowler w/Briggs engine, lots of new & used power trowler blades, Bull Dog Model 6000 Engine driven pressure washer, 5" engine driven concrete plane; 6000 lb D.R. Model D60LH air hoist w/air powered drive complete with pendelums, good cond ; 4000 lb. Detroit air hoist w/beam trolly, good cond.; 2000 lb David Round cable air hoist w/beam trolly, good cond ; D R. 1 ton chain hoist, air operated complete w/pendelums, ex cond ; Emglo portable air compressors; torch outfit w/tanks, complete, 10" DeWalt Radial arm saw, New & used 10" table saws; 14" wood band saw, steel band saw; 5 ton chain hoist, Electric chain hoist, new Arc oil drain pans w/track; lots of drawer parts & bolt bins, Kal Equip engine system analyzer; Peerless Model 976 Diagnostic Pulsar Scope, Koehring Master Model RT-2B4 & Double 45" Riding Power Trowler, good cond.; Engine driven power tamper, Ridgid threader sets, Ridgid 2" to 4" threader heads; Creepers, vises; Arc Hose reels; Used 20" Wood Band saw; Stone cement mixer.

APPROX. 8 SKIDS LOTS of 1000 & 500 gal. & smaller air tanks. Lots of NEW Black & galv. pipe fittings from 1/2 " to 6", Lots of gate valves; More plumbing supplies; Lots of nails; 5- 55 gal. drums Anti-Hydro concrete hardner; 1- 55 Gal. Drum concrete cure & seal; 1- 55 gal. drum Methylene Chloride; Form Coating etc.; Greenlee hyd. punch out kit.

AIR TOOLS, NAILERS, & STAPLERS

5 Heavy Duty Rockwell & Ingersol Round 7" air grinders, ex. cond., Air operated table saws & skill saws; air drills; sanders; air screwdrivers; impact wrenches; air clippers; air die grinders; 29 pc. drill bit sets; air motors; New 4AM air motors- 110- 1 gear reduction snap on PS100 sander, 10- Bostitch-Senco Duo- Fast & Paslode air nailers & wide & narrow crown staplers; Paslode Pole barn air nailer; New Stanley #1-- Mitre saw; New Chain saws; Air box nailers; Lots of New & Used air filters- Regulators; Lubricaters; Air Foot Manual Valves; New air operated water pumps

DAIRY EQUIPMENT

NEW Sputnick; New 5 hp basic Vacuum pump w/oiler; New & Used bucket milkers, 3 hp. Vacuum pump complete w/tank & motor, Good Cond.

OFFICE SUPPLIES

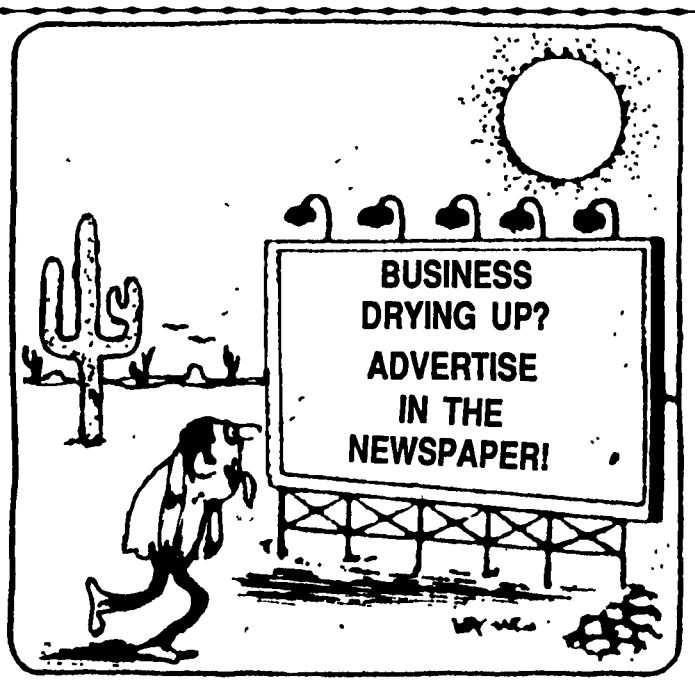
Sharp Model ER-2391 Electronic Cash Register; Sanyo Model ECR-D318 Cash register - both in good cond , New folding chairs w/cushion; New Swivel Office Chairs, Manual & Battery operated pencil sharpeners, New Manual & Battery operated Rolodex, card folders, staplers, New Printer Calculators, Catalog holders, & lots more misc items

NEW & USED TOOLS

S K , Stanley, Lufkins, Ridgid, Cresent, Vise grip, Fuller, Plumb, Eswing, Exact levels, Wrenches, socket sets, tapes, hammers, saws, marshalltown trowels & concrete floats, Bolt cutters, pliers, tool boxes, wrecking bars, nail pullers, sledges, digging irons, wood drill bit sets, pop rivitors, screw drivers, vises, garden hose, large 8" milling machine Vise, 6" drill press vises, jumping cables, lots of New Starrett drive pin punches, telescoping gauges, calipers, rule holders, thickness gauges, lots of lathe tooling, tool holders etc , lots of Kwikset, Schlage & Yale, Passage, bedroom & entrance locks, forks, brooms, shovels, scrapers, rakes, etc , Lots of Gent-L-Kleen Hand cleaner, Wheelbarrows, rope, New log chains, handyman jacks.

ELAM STOLTZFUS, OWNER

A. & C. DIFFENBACH AUCTION, INC.
100 W. JACKSON ST., BOX 186
NEW HOLLAND, PA. 17557
(717) 355-7253 ALAN DIFFENBACH AUCT. - AU2258-L



PUBLIC SALE

SHOP EQUIPMENT, TOOLS, VAN CONVERSION SUPPLIES, CASE UNI LOADER, GARBAGE & DUMP TRUCKS

THURS., DEC. 19, 1991
4 P.M.

Located at the corner of Rt. 897 and Wide Hollow Rd. (1 mile North of Terre Hill), East Earl Township, Lancaster County, PA.

SHOP EQUIPMENT

5 H.P. Air Compressor (Single Phase); Bead Blaster; Collision Post; Wire Welder; High Pressure Washer; Sand Blaster; Engine Analyzer; Dent Remover; Porta Powers; Transmission Jacks; Air Floor Jack; Motor Lift; Greasers; Acetylene Torch Set; Bench Grinders & Vises.

FULL LINE OF AIR TOOLS: Duo Fast Nailers.

ELECTRIC TOOLS: Sabre & Cutoff Saws; Buffers; Screw Guns; Drill Press; Shop Smith; Body Shop Tools; Tape Dispenser; Button Maker; Hand Tools; Blow Heater.

VAN CONVERSION ACCESSORIES

Bench & Bucket Seats; Running Boards; Car Parts; Metal Bins & Shelving; Parts Bins; Office Desk & Chair; Air Conditioner; Commercial S.S. Refrigerator; 12x20 Wooden Storage Shed; **CASE UNI-LOADER - (Model 1737); 1982 GARBAGE TRUCK - (Cummins Diesel); 1960 FORD F500 TOW TRUCK.**

Sale For

BILL SHUMATE
717-354-8840

HORST AUCTS.
AU438L
T. Glenn
Timothy G.
Thomas A.
(717) 859-1331 - (717) 738-3080
Fax # (717) 738-2132
"VOICES OF EXPERIENCE

HFA REALTOR®

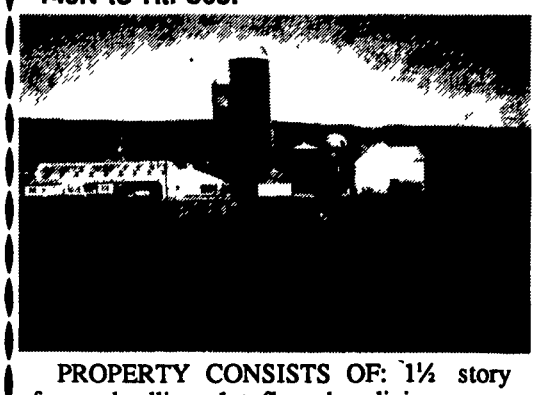
PUBLIC AUCTION

OF 100+/- ACRE FARM

SATURDAY, JANUARY 11th

@ 1:00 P.M.

Directions: From Reading take Rt. 61N to 22E. go 6 miles to Rt. 143 N. Lenhartsville. 9.7 miles to Rt. 863, turn right, cross bridge. 1st road left, look for signs: from Easton take Rt. 22 to Rt. 143N to Rt. 863.



PROPERTY CONSISTS OF: 1½ story frame dwelling; 1st floor has living room, Wieland kitchen, bedroom, powder room; 2nd floor has 4 bedrooms and full bath; large enclosed porch.

Bank barn and facilities to raise herd replacements.

Free stall barn with 102 free stalls; clay feeding system; 6 unit Surge milking parlor and farm office; 1250 gallon Surge milk tank.

Silos: 20x32, 20x60 & 25x90 Harvestores two with Goliath unloaders; 24x80 Fickes, silomatic unloader. 25x45 Slurrystore. 80 acres tillable.

Terms: 10% day of sale; settlement on or before March 15, 1992.

Inspection by appointment call Horning Farm Agency, 215/286-5183.

Terms by:

RALPH W. & MARIE J. DIETRICH

Horning Farm Agency, Inc.
Alvin Horning AU-0433-L
Merle Eberly AU-2417-L
Main Street, Morgantown
215-286-5183

TRACTORS - TRUCKS - IMPLEMENTS

AUCTION SALE

Having discontinued his Grain Farming Operation, Lowell Stoltzfus will sell the following equipment at Public Auction on:

SATURDAY, DECEMBER 28, 1991

BEGINNING AT 11:00 A.M.
REHOBETH, MD. (NEAR POCOMOKE)

DIRECTIONS: From Salisbury, MD (Eastern Shore) take U.S. Rt. 13 South approximately 22 miles. Turn Right on Rt. 667, go 4 miles. Sale is on left across from Rehobeth Post Office.

JD 4240, 1982, power shift, dual remotes, 18.4x38 tires, 4200 Hrs. (less than 500 Hrs. since complete overhaul, including injectors); JD 4020, side console, dual remotes, 18.4x38 tires, 1972, very good; JD 2020 gas tractor; New Brillion PDT-16' Packer w/20" notched wheel & hydraulic lift wheels; JD 175 quick attach loader; JD 7000 planter w/dry fertilizer & insecticide, monitor, Reg. no-till coulters; Hardee 5' Ditch bank cutter w/hydro slide, exc.; John Blue 400 gal. sprayer w/poly tank, single piston pump-40' booms; Hake 4x6 irrigation pump FB820; Rainbow soft hose irrigation w/660' good hose; 1600 gal. poly tank; MF 520 disc, 15', 44 blades; JD 12' chisel plow; JD 6x16 plows, exc. cond.; Speed King 47' Grain auger, exc. cond; 4 row pickle cultivator stine; 4 row 71 flex planter; Hardee 7' Rotary cutter; 2-4 wheel wagons; JD 34 manure spreader; Little Rhino scrape.

Terms- Good check day of sale.

J. LOWELL STOLTZFUS

P.O. Box 51, Willards, MD 21874
Office- 301/546-2425

PETE RICHARDSON AUCTION SALES
P O Box 51 Willards, MD 21874

AUCTION SALE

FURNITURE, CARPET, ORIENTAL RUGS, OFFICE FURNITURE, DRAFTING EQUIP., BUILDING & PLUMBING SUPPLIES

TUESDAY, DECEMBER 17 - 10 A.M.

ON PREMISES

1825 E. BOSTON AVENUE - PHILADELPHIA, PA.

SALE FOR ACCOUNT OF UNDERWRITERS & OTHERS COMPRISING IN PART:

DECORATORS STOCK OF FINE HOME FURNISHINGS & PAINTINGS

Sofas, Loveseats, Chairs, Sofa Beds, Leather & Uph Sectional Sofa Sets, Occasional Chairs, Bedroom Suites, Dressers & Chests Box Spring & Mattress Sets, Coffee & End Tables, Glass Top Tables, Plant Stands & Pedestals, Dinette & Dining Room Sets, China & Curio Cabinets, Buffets, Side Chairs, Wall Units, Stereo Cabinets, Entertainment Centers, Etageres, Wicker & Rattan Patio Furniture, Rattan Birdcages, Oil Paintings & Prints, Framed Pictures, Wall Hangings & Ornaments, Mirrors, Sconzas, Floor & Table Lamps, Brassware & Ceramics, Dishes & Glassware, Vases, Urns, Planterns, Artificial Flowers, Plants & Trees, Baskets & Brass Planter, Candle Holders, Carved & Stuffed Statues, Figures & Animals, Knick-Knacks, Jewelry Armoires.

BROADLOOM CARPET - PADDING & ORIENTAL RUGS

130 Oriental Rugs from 2x3 to 9x12, Chen-Chu Sherpa, Tres-Chic, Bengala, Berber, Duhries, Hook, Braided & Rag Rugs, 1,600 Sq. Yds., Broadloom Carpet Sizes 9x12 to 12x150 in Various Colors, Patterns & Weaves, 600 Sample Throw Rugs, 12 Rolls (50 Yd.) Foam Padding.

OFFICE FURNITURE, ARCHITECT & DRAFTING EQUIPMENT

S.P. & D.P. Wood & Steel Desks, Credenzas, Book Cases, Wall Cabinets, Shelving, Telephones, Answering Machines, Saxon SX-30 Copier, 2 to 5 Drawer Legal & Letter File Cabinets, Lateral Files, Index Files, 4 & 5 Drawer Blue Print Cabinets, Office Partitions - (Pre-Fab) Architect & Drafting Tables, Drafting Paper, Sec. & Exc. Chairs, Wood Swivel Desk Chairs, Lounge Chairs, Spring Action Drawing Lights.

BUILDING & PLUMBING SUPPLIES

P.H. Entrance & Patio Doors, Atrium & Storm Doors, Flush, Bifold & Closet Doors, Wood & Aluminum Replacement Window Units, Stair & Starter Stairs, 6' Alum. Soffit, 1 ¼ & 3" Pallet Nails, 1 ¼ Blue Plasterboard Nails, 400 Sheets 5 m.m. 4x8 Plywood, 60 cs. 12x12 Armstrong Ceiling Tile, 12x12 Vinyl Floor Tile, Pipe Insulation, Pallet Racking, Whirlpool Tubs, C.I. Bathtubs, Tub Wall Surrounds, Bathtub & Shower Faucets, Vanities, Vanity Tops, Well Pumps, Gas Range, Countertop Ranges, Microwave Ovens, Automatic Washer, Self Serve Refrigerated Deli Case.

INSPECTION: MONDAY, DECEMBER 16 - 9 A.M.-4 P.M.
TERMS: CASH OR CERTIFIED FUNDS - 25% DEPOSIT REQUIRED.

PA. AUCTIONEERS LICENSE NO. AU000175L

ESTABLISHED IN 1814
COMLY Auctioneers
WM. F. COMLY & SON, INC.

1825 East Boston Avenue
Philadelphia, PA 19125
(215) 634-2500

Sale Reports

CONSIGNMENT SALE

A Public Sale of rugs and antique furniture was held November 23 at Rudnick's, Galena, Maryland.

Some prices received were: set of Haviland china $500, several crocks $70 to $200 each, Roseville pitcher $290, Mettlach stein $300, Pittsburgh lamp $500, 6x4 Persian rug $1300, 9x6 Persian rug $2850, 6x4 Persian rug $1200, 9x6 Heriz rug $1200, 12x9 Persian rug $4300, 9x6 Heriz rug $1300, 9 piece mahogany diningroom suite $2500, Chippendale style Boston clock $1600, Queen Anne hiboy $850, dove-tailed blanket chest $600, 6 piece mahogany bedroom suite $1300, antique coal box $475, antique Queen Anne double drop-leaf table $1900 and Chippendale antique 6-drawer chest $1700.

Harry Rudnick & Sons, Inc. conducted the sale.

ESTATE SALE

A large estate auction of antiques was held December 4 three miles north of the Reading Regional Airport on Route 183, Reading, Pa.

Some prices included: deco Motorola radio $1017.50, violin $605, deco vase $374, Virginia sofa $365, camel-back sofa $357.50, mahogany diningroom table & chairs $302.50, china clock $275, 1950-1940's television $253, silver plated tea service $220 and pasley spreads $154 to $264 each.

Pennypacker-Andrews Auction Centre, Inc., Auctioneers.

ERNIE'S BOAT & TACKLE SALE

A Public Sale of real estate was held December 8 east of Millerstown on Route 235 near Seven Stars.

The #1 parcel of 19 acres with a 60'x80' aluminum building, well and septic was sold for $250,000.

The #2 parcel of 44 acres of wooded and 2 cleared fields with trailer, well and septic was sold for $63,000.

Claude C. Wolfe was the auctioneer.

WACHTER ESTATE SALE

A Public Sale of the estate of George R. Wachter was held December 5 north of Manchester, Pa. along Route 181.

Some prices were: Victorian parlor set $700, needlepoint chair $70, oak head board $375, modern corner cupboards $155 ea., cedar chest $120, tea cart $65, maple diningroom table & chairs $325, blonde bedroom suite $180, tray of hatpins $42, 2 brushes & shoe buttoner $15, cast iron clown bank $30, sterling thimble $20, carpet beater $15 and 2 "occupied Japan" figurines $40.

Blaine and Nevin Rentzel and Larry Rutt were the auctioneers.

HINKS SALE

A Public Auction of an important private collection of 18th and 19th century American German language imprints was held December 7 at Horst Auction Center on the corner of Route 322 and Durlach Road, west of Ephrata, Lanc. Co., Pa. Donald R. Hinks of Gettysburg, Pa. was the owner. There were 30 registered bidders.

Among the 800 lots sold were: 1751 religious book printed by Benjamin Franklin in Phila. $330, 1809 book on Quakers $1000, 1817 Harrison baptism book $750, 1813 Easter festival book $800, 1815 book about death for Christmas $700, 1811 children's book $650, 1813 religious book $550, 1806 religious broadside $550, 1824 religious instruction book for youth $550, 1813 book on midwifery, 1813 Bible and 1814 New Testament, all printed in Somerset, $550, $260 & $130 and 1813 Bible printed in Sunbury $360.

Also sold were: 1817 and 1819 ABC books $475 & $425, 1821 children's book $400, 1797 Waldeck catechism $220, 1849 book on vineyards $210 and 1827 Philadelphia Bible printed by J. Ritter $160.

T. Glenn, Timothy G. and Thomas A. Horst were the auctioneers.

THOMAS SALE

A Public Sale of real estate was held December 6 by Reno and Phyllis Thomas, near Troxelville and Beavertown, Snyder County, Pa.

The 103 acres of wooded land with no buildings was sold for $120,000.

Kenneth E. Hassinger was the auctioneer.

DEC.

SAT. DEC 14, Estate of James Teed Complete Dispersal of 2 Sawmills, Logging Equip. and Tools, due to a tragic and untimely death! located Springwater, NY, Livingston Co , Pirrung Auctioneers, Inc , Aucts

SAT. DEC. 14 - 8 30AM, Antiques, Furniture, HH Goods, Masonic Dudley Pocket Watch, Hummel & Rockwell Collector Plates, Glassware, Dishes, Tools & Hardware, held in the Chanceford Community Center, 1 block off Rt 74, Brogue, York Co., PA, for Mrs Lena Dudley of Light Street, Balt., MD, Bob & Tom Sechrist, Aucts

SAT DEC 14 - 9AM, Brick Rancher, Real Estate, Stone & Redware, Wood & Tin, Antiques, located at 1022 Main St , Blue Ball, PA, Samuel Ford and Erma Ford, owners, T. Glenn Horst and Son, Aucts.

SAT DEC. 14 - 9AM Sharp! Charlie's Sales and Service-Trucks, Equipment, located approx. 7 mi S of Red Lion along Rt. 74, signs posted, Charles D & Morma J Cordrey, owners, Bradley K. Smith and Patricia L. Smith, Aucts

HOLIDAY DAIRY SALE

Friday, December 20, 1991
11:00 A.M. Sharp (Daytime Sale)
Selling at Kling's Sale Barn located 15 miles North of Carlisle on PA Route 74 - 2 miles Northeast of Landisburg, PA.

Featuring 40 Holsteins from Walter Brown - Connellsburg, PA (412-887-7809)

Walter Brown, one of the good, young dairymen in Southwestern PA, has decided to reduce his milking herd by allowing Orin Bender, Clark Yoder and myself, Art Kling, to select from the heart of the herd. We have selected young cattle that are recently Fresh or will calve no later than the middle of January - With a few outstanding individuals in different stages. They are Super Uddered - Milking well - ½ Registered. Tie stall cattle - never pushed for production - bred to produce and last. Certified and Accredited - Vaccinated for Shipping Fever. 10 Registered young cows all recently fresh - 10 Grade first calf heifers fresh November and December - 10 Registered and Grade cows due soon.

Take advantage of Walter's good Cow Sense and his years of Breeding Top Cattle to add the right kind of replacements to your Herd. (V. Art Kling)

Selling at same time - for Art Kling

40 Recently Fresh, first and second calf Heifers, over half registered - plus all Heifer Calves born before August.

Special Mention: 3 Yr. old S.W.D. Daughter - Scored G+ at 2 yrs. - Due right at sale time to **Conquest** - (2 V.G. Dams)

2 Yr. old **Astro Jet** due to **Inspiration** - Fresh by Sale Date

2 Yr. old **Melvin** Daughter bred to **Starmaker** - also due at Sale Time

4 Yr. old Red & White **Cavalier** Daughter - sells - recently Fresh (Fancy young cow)

4 Yr. old V.G. **Marlin** - Due early January to **Lincoln**

4 Yr. old V.G. **He-Man** with a fancy udder - due to **Pearmont ET**

3 Yr. old **Sentry** bred to **Astro Jet**

And - Last but not Least:

3 Yr. old Daughter of **Citation R** and a 2 Yr. old **Lassic Leader** Daughter - Both should be Fresh by Sale Date

Others Sell Sired by: **Midnight - Starbuck - Chief Mark - Astro Jet - Mandingo - Royalty - Triple Crown - Dixiecrat - Jubilee - Jethro** and other Top Sires

From Milmay Farm:
15 Fancy Registered Heifers - all Sire Power Breeding - From Yearlings down to Started Calves - DHIA Records - Vaccinated - Only being sold due to Shortage of Feed

5 **Cows from Don Shughart, Boiling Springs** - 3 Recently Fresh - 2 in Milk - Nice Young Cows

And - 9 Straws of Ivanhoe Star
15 AMP of Whirlhill Kingpin

Mr. Dairyman - Bring your Family and Register for several nice Door Prizes - Christmas Gifts to all Buyers.

Free Ice Cream and Milk to All

HAPPY HOLIDAYS V. Art Kling

Sale Managed by:
Kling's Auctions, Inc.
R.D. 1, Box 66, Landisburg, PA
PA License No. 00500L
Office: 717-789-3883
Fax: 717-789-4226

CATTLE & MACHINERY DISPERSAL

CHRISTMAS HOLIDAY CLASSIC SALE

Randy & Mary Jane Alger Dairy
Jack Wood's Sale Barn
SATURDAY, DECEMBER 21, 1991 10:30 A.M.
Buffet Luncheon 11:30 A.M. - 1:00 P.M.

This sale is to be held at Jack Wood's Sale Barn, located on the Taylor Valley Rd., approx. 2 miles North of Cincinnatus, NY just off Rte. 26. Watch for Auction Arrows from Cincinnatus 4 Corners.

I. Randy & Mary Jane Alger, Greene, NY, consigns the complete milking herd consisting of (32) cattle of (30) Holsteins, (2) Jersey cattle. This herd has a current rolling herd average of 17,246 M., 3.9 T, 639 F., 3.2 Pr.; 556 Protein. Several individual cows in this herd have milked 20,000 lbs. & over. This dairy is in the following lactations: (12) fresh cows, (6) due Jan., Feb. & Mar.; (10) fall bred cows and the balance are mid-summer cattle. This is a good milking dairy with production, test, type & condition. Mostly a home raised dairy vaccinated with triangle 9 & vet checked for pregnancy, Selling at 1 o'clock SHARP.

II. A top group of 1st & 2nd calf grade Canadian heifers that will be strictly fresh or springing close by sale date. Several of those that already have calved are milking 70 lbs. to 80 lbs. of milk per day. Real Fancy!!

III. Bob Van Donsel, Virgil NY, consigns (10) well grown Holstein heifers due Feb. thru early fall 1992. They will be vet checked for pregnancy.

IV. Westan Farm, Homer, NY sends (3) fancy registered first calf heifers that will be fresh or springing close by sale date. Sharp Heifers!

V. Paul Hallock, Marathon NY, consigns a real fancy Registered Appraisal daughter that will either be springing close or strictly fresh by sale date.

VI. Phil Sheridan, Oxford, NY consigns a real good Registered heifer sired by Edmaral Tony Maxim, purchased from the Bickford Sale as a calf.

VII. A good Jersey service bull ready for breeding heifers.

VIII. We are still accepting good cattle for this sale by calling the Auction Service at (607) 863-4141. All cattle must have shipping fever shots prior to sale date. Inspection Welcome from now until Sale Day.

*****MACHINERY (It's Clean & In Top Condition)*****

JD #4230 Diesel tractor w/full cab, 4 wheel hydr. assist drive, good rubber, only 2836 hrs. (Mint Condition); JD #1010 Crawler "Gas" w/hydr. blade (Good Cond.); JD #4030 Diesel tractor side console quad range shift (All Recond.); JD #111-36" Lawn Mower; JD #60-36" Lawn Mower (Needs Repair); Ford 12½ Hrsp. 5-speed 38" Lawn Mower (Mint Cond. 1 yr. old); NH #411 disc bine; NH #499 mower/conditioner w/pivot tongue (Nice Cond.); NH #479 Haybine (Good Cond.); NH #277 Baler w/kicker; NH #256 hay rake w/rubber mounted teeth; NH #56 rake; NH #680 tandem-axle 287 Bu spreader w/hydr. end gate; Hawk Bilt #207 200 Bu. barrell spreader (RH unload); H&S 9'x18' metal kicker rack on 6 Ton running gear (Brand New); Kory 8 Ton running gear w/adj. tongue plus big rubber (Brand New); Speed King 28' hay & grain elevator w/motor; Snowco 20' skeleton elevator (Brand New); Eyrospand model #273-3 Pt. fertilizer spreader w/500-700 lb. capacity (Brand New); Metal round bale feeder (Brand New); utility 6'x10' tilt-bed trailer (1 yr. old); AC #480 hopper/blower (Ex. Cond.); Brillion 12' drag w/hydra. mount; Brillion cultipacker/seeder comb. (Needs work); plus many other consignments coming in daily. Consignments will be accepted up until the day before the sale. NO CONSIGNMENTS ACCEPTED DAY OF THE SALE.

A SANTA CLAUS SPECIAL (for the late Christmas Shoppers) features new, small misc. tools, such as bench drill press, tarps, wrench sets, 1" drive socket sets, grinders, hammers, fencing tools, microwave, toys, dolls, & much, much more. Something for Anybody & Everybody!

MANAGER'S NOTE: This Sale features Top Quality dairy animals, with an exceptional line of new & good, used equipment plus a full line of new merchandise of small tools, etc.

SALE ORDER: Starting on the machinery in the field at 10:30 AM SHARP, followed by the small tools from the Sales Arena, under cover & the cattle selling at 1:00 PM SHARP! Buffet starts at 11:30 AM until 1:00 PM.

TERMS: Cash or Good Check Day of Sale w/positive ID. ABSOLUTELY NO CREDIT! Inspection Welcome from now until Sale Day.

JACK WOOD'S LIVESTOCK & AUCTION SERVICE
Jack E. Wood, Sales Manager
Telephone: (607) 863-4141

UPCOMING SALES: Sat. Feb. 29, 1992- William & Susan Randolph, Moravia, NY (Cayuga Co.). Cattle & Machinery Dispersal @ 10:30 A.M.
Frank Rowe Estate Real Estate Sale.

Public Auction Register

Closing Date Monday 5:00 P.M. of each week's publication

SAT DEC 14 - 9AM, Equipment Auction-Farm, Lawn, Construction Machinery, located Rt 8, S. New Berlin, NY, SNB Valley Supply, owner, Roy Teitsworth, Inc., Auct.

SAT DEC. 14 - 9AM, Mahogany Dining Room Set, Gaming Table, furniture, etc , at Rudnick's Sales, Rt 213, Galena, MD, Harry Rudnick & Sons, Inc , Aucts

SAT DEC. 14 - 9AM, Equipment Auction, located 1953 N. Burlington Rd , Bridgeton, NJ, Gentile Brothers Construction Co , owners, T J Sullins, Auct

SAT DEC. 14 - 9.30AM, Farm Machinery, Tools, Guns, Antiques, Collectibles, Hay, Etc , locatd 2 mi SE of Augustaville, 6 mi S on Rt 890 from Sunbury, PA, turn E. at Ross Construction Bldg., 1 mi. to sale site, Charles J. and Zae E Haas, owners, Mark J. Jones, Auct.

SAT. DEC 14 - 10AM, Farm Equipment, Horses and Mules, located 6 mi. E. of Lancaster, 5 mi. W. of Intercourse, 1 mi. n. of rt 340 from the underpass in Bird-In-Hand at 552 Beechdale Rd., Lanc Co , PA Amos S Stoltzfus, owner, Diffenbach's, Aucts.

SAT DEC. 14 - 10AM, Farm Real Estate Auction-431 Acres Michigan Thumb, Grain Livestock, etc , located 6 mi N of Bad Axe, MI, Harold & Jane Kociba, owners, Halderman Farm Management Service, Inc , Aucts

SAT. DEC 14 - 10AM, Antiques, HH Goods, Furniture, Tools, 2-Wheel Trailer, located 35 Cottage Ave., Lancaster, PA, William Hammers, Jr. Est., Miller and Siegrist Auctioneers.

SAT. DEC. 14 - 10AM, Sawmills and Logging Equipment, for the Estate of James M. Teed D/B/A Quad County Lumber Co., located Springwater, Livingston Co., NY, Pirrung Auctioneers, Inc., Aucts.

SAT DEC. 14 - 10AM, Construction Equipment and Truck Auction Complete Liquidation Kershner & Son Excavating, at Greencastle, PA, Alex Lyon & Son, Sale Mgrs.

SAT. DEC. 14 - 11AM, Annual Production Sale VA Beef Corporation, Springlake Livestock Market-400 Head, Moneta VA, Coleman Sales, Inc. Aucts.

SAT. DEC. 14 - 11AM, Repossessed Vehicles, at Keystone Public Autc Exchange, Rt. 22/322 between Dauphin & Clarks Ferry Bridge, PA.

SAT. DEC. 14 - 12Noon, 153 Acre Farm in Beautiful Powells Valley, 6 mi. E. of Halifax, Wayne Twp., Dauphin Co., Almeda O. Miller, owner, Deibler and Shoop, Aucts

PUBLIC AUCTION

TRACTORS—MACHINERY TRAILERS—TRUCK

The undersigned, selling farm, will sell at public auction, the following, located - from Gettysburg, PA - take US Route 15 - Business, 4 miles South to sale site (sale signs posted) - on

SAT., DEC. 21 - 10:00 A.M.

TRACTORS—TRAILERS—TRUCK— John Deere Model 2510 diesel - WF, 3 pt., Syncro trans., 13.6x38 rears, front & wheel weights, 3078 hours - needs crankshaft; IH Farmall Super A - hyd. lift, weights, with manure loader - offer separate & together; IH 5½ ft. front mounted angle blade; IH 5 ft. 3-blade rotary mower for Super A, etc.; John Deere Model B - spoke wheels on rubber;

Hillsboro tandem axle - 16 ft., 30,000 lb. gross, hyd. dump trailer with grain & cattle racks and hay rack; Morris 2-horse tandem axle trailer; Chevrolet C-50, 1972, 366-V-8, 5 speed & 2 speed, 24 ft. cargo box w/hyd. endgate;

MACHINERY— Oliver 2-14", 3 pt. trip back plow w/coverboards; John Deere & IH 2-14" pull type plows; IH Model 100 3 pt., 24 disc - disc harrow - real nice; JD Killfer 8 ft. pull type disc harrow; small 24 disc pull type disc harrow; JD 11 ft. pull type tractor harrow; 7 ft. single roll cultipacker; 12 ft. railroad beam drag; Hesston PT-10 9 ft. haybine; Hesston Model 310 self propelled 8 ft. cut haybine w/ Wisconsin engine; New Idea Model 400 roll-o-bar rake; 5 wagons include: AC, Oliver, New Holland chassis with several bale throw bodies and flat beds to 16 ft.; IH Model 440 hay baler with thrower; John Deere Model 14-T hay baler; New Idea 32 ft. elevator; John Deere 7 ft. mounted cutter bar mower; John Deere Model 246 3 pt., 2-row corn planter; John Deere Van Brunt 17 disc grain drill w/grass; 3 pt. fertilizer spreader; 14 ft. 4" auger w/motor; Danuser 3 pt. post hole digger; Bear Cat stationary hammer-mill with conveyor & bagger; Friend 3 pt. 100 gallon sprayer; Marlow portable pump w/3 HP engine;

Two wheel rubber tire trailer; 5 various 275 gallon fuel oil tanks - several w/pumps; large round cattle waterer; 34 ft. wood shifting ladder; 2-hole corn sheller; 2 HP electric motor; rolls woven wire; metal barrels; DeWalt 10" radial arm saw on stand; lot metal fence posts; metal file cabinets; jacks; 2-homemade metal hog feeders; approx. 50 locust fence posts; Craftsman table saw; cast hog troughs; ground scoop; grindstone; sausage stuffer; platform scales; lot farm hardware; lot shutters; lot small hand tools; large heavy duty wooden work bench; tractor chains; cast butcher kettle w/3 legs; log chains; VN cast dinner bell (Eagle Bell Co.- Lebanon, PA); egg baskets; saddles, bridles, halters, misc. harness; wagon load of misc. farm items; other items;

Terms - Cash or Good Check
Refreshment Rights Reserved

WALLACE P. & SCOTT MURDOCH - OWNERS

C. David Redding - Auctioneer
PA License No. 742-L
Gettysburg, PA - Ph: 717-334-6941

HFA

REALTOR MLS

PUBLIC AUCTION

OF 142 ACRE FARM FARM EQUIPMENT & ANTIQUES

Sat., December 28 @ 10:00 A.M.
Real Estate @ 11:00 A.M.

Located 6 miles south of Danville, take SR 2002 Road east off of Rt. 54.

PROPERTY CONSISTS OF: 2½ story brick dwelling with 4 bedrooms and bath; hot air heat; property in good condition.

Stone and frame bank barn and feed lot with 110' chain feeder, 150 head capacity.
20x50 Star Silo
20x50 Harvestore Silo
20x70 Harvestore Silo
Feed room with roller mill, Patz feed mover, Fry chute and head scales.
Several other out buildings.

116 tillable acres; 9 acres pasture with 4' woven wire around; stream and large cement water trough; 17 acres woodland; 60-70 walnut trees for veneering; 142 acres total; high producing soil.

TERMS: 10% day of sale; settlement on or before February 28, 1992. Inspection by appointment, call Horning Farm Agency 215-286-5183.

TRACTORS AND EQUIPMENT: 1070 Case Agri King diesel tractor w/cab, AC, power shift, duals & weights; 574 IH tractor, engine overhauled & new clutch & pressureolate, w/3 pt. hitch & Dunham Lehr loader; AC 190 XT gas tractor; Farmall M tractor; 6 IH front weights; 25000kw Katolight electric generator; MF 260 field chopper; electric grinder sharpening for knives; 2 row corn head, 28" to 42" rows, also pickup head; Dion high throw blower; (2) 16' grove forage wagons w/3 beaters & roofs; 316 NH hay baler w/thrower, like new; 55 IH 11 tooth, 3 pt. chisel plow; 15' Befco power harrow, 3 pt. PTO; 13' cultipacker; 3 pt. scraper; 24" grain elevator; 32' NH chain bale elevator; 16' & 17' bale wagons; 555 IH manure spreader w/hyd. web & lift gate (205 bu.); 140 IH 18" 4 bottom roll over plow; wheel hay rake; feed wagons; 10' cultipacker; 125 bu. Smoker gravity bin; McCormick blower; rotary hoe; 1 horse plow; space heater; 1 T. hoist; 15.5-30 chains; 18.4-38 set of chains; 8.75-20 truck chains; 105' Starline feeder; silage chute; 50' of 8' silo pipe w/ spout; sausage stuffers; old saddle benches; baskets; rope bed; wooden boxes; measuring barrel; 550 gal. fiberglass tank; milk cans; carriage barrels; used tires; hyd. Schaffer post driver; Fry cattle working chute; 3 pt. grain bin; old wooden wheels; spike harrow; hand dirt scoop; 400 gal. wooden tank; Hardy sprayer w/motor; 200 creosoted fence posts; Grady hay applicator; old corn sheller; seed cleaner; hammer mill; dried walnut boards; steel spoke wheels; many old items including some old tools sold off wagon.

FEED: 75 T. of second & third cutting hay, will be tested before sale; 12 T. straw; 300 T. high moisture corn; 500 T. haylage; 200 T. corn silage. All yields on no till corn.

10 yr. avg. in the PA Five Acres Corn Club of 163.7 bu. of dry shell corn, machine harvest.

1st 1987 - 185.3 bu. 3 yr. avg.
3rd 1988 - 172.9 bu. 3 yr. avg.
1st 1989 - 167.5 bu. 3 yr. avg.
2nd 1990 - 171.1 bu. 3 yr. avg.

Lunch available by Mt. Zion Methodist Church.

Terms By:
Lloyd E. & Frances J. George
717-356-7487
Edward Miller, Esquire
Lancaster, Pa.

HORNING FARM AGENCY, INC.
Alvin Horning AU-0433-L
Merle Eberly AU-2417-L
Main Street, Morgantown
215-286-5183

PUBLIC SALE

Horse Drawn Farm Machinery
Seven Head Draft Horses - 2 Sleighs
Sputnick - 3 Frage Bagging Machines
3 Farmall M Tractors

Petersheim Auctioneers

Wednesday, December 18, 1991

9:00 A.M.

Sale held on the farm on Cambridge Road, Lancaster County, PA. 1 1/2 miles north of White Horse from Rt. 340, go north on Cambridge Road.

Belgium Horses - Harness - Hitches

Registered mare; pair of Bays; 2 pair of Sorrels; 10 set of harness - collars - bridles; bob-sled; one horse utility sled; Market wagon roller bearings.

Barn - Milking Equipment

Four DeLaval 55 lb. milker units, Sterling pulsators, large shut-off claws; Sputnick milk mover; air tires; Alamo milker pump, silage feed carts.

Farm Machinery

Three 8 ft. bagging complete units; International single lot auto reset plow; John Deere 20 discs K.B.A. disc harrow; John Deere 3 section spring tooth harrow; **Brillion 8' cultipacker seeder;** New Holland 456 mower with engine; Nickelson tedder; New Holland 402 crimper with engine; John Deere 5 bar rake; Smoker 24 ft. elevator; 5 flat bed wagons, 2 Farmbilt; New Holland Super 717 harvester with feed table; International No. 51 forage wagon; McDeering corn binder and loader; New Idea transplanter; 3 McDeering 2 horse cultivators; Wiard walking plow; Zook liquid manure spreader; 2 horse New Idea manure spreader; **Roskamp 32" roller mill with auger discharge;** 4 cylinder Ford power unit with P.T.O. and hydraulics on chassis; wood saw on Farmall tractor; John Deere 200 gallon boom field sprayer; 10 h.p. air compressor and air tools; 2 John Deere 14 T Balers for parts; bushel crates, milk cans, more items not listed; furniture and household goods, etc. 3- Farmall M Tractors with PTO and hydraulics.

Owner:
Joel Jr. & Miriam King

Auctioneer:
Steve
Steve Jr. Petersheim:
215-593-AUCT
Lic. #AU-001349-L

Food by Meeting House Road School

ANNUAL CHRISTMAS SALE

At The Shady Lane Dairy Sales, Inc.,

¼ Mile West Of Quarryville Off Oak Bottom Rd.

200 HEAD REGISTERED AND HI-GRADE HOLSTEINS

THURSDAY, DECEMBER 19, 1991 10:30 A.M.

Complete Herd Dispersal From
Mr. & Mrs. Byron Rettinger, Halifax, Pa.

60 Head Mature Registered And Grade Holsteins. 15 Cows And 1st Calf Heifers Recently Fresh. 16 Dry Cows, 7 More To Go Dry. This Is A Fall And Winter Herd. Cows Have Been Well Taken Care Of A Family Operation- Tie Stall. Selling Only Due To Moving To Another State, Discontinuing Dairying.

10 Head Top Cows From Ashland Virginia Record To 30,000 Milk, Mostly Registered. You Will Like These.

4 Head From York Co., All Fresh Milking 1st Calf heifer 75 Lb. 2 Milking In 80 Lb. 1 Registered Cow Scored 87 Points A Fancy Cow.

A Good Group Of Young Fresh And Close Cows From Chester County.

15 Head Outstanding Fresh Cows From Maryland Individuals Milking 90 Lb.

100 Head Fresh And Close Springer's With A Lot Of 2nd, 3rd Calf Heifers. 25 Head From 1 Herd. Registered And Grades In This Group. Farmers Mark This Date. We Put Every Effort To This Special Christmas Sale To Try To Make This A Enjoyable Day For You And Try To Have Some Of The Best Cows And Heifers Available. Come See Us. I Think You Will Be Pleased With What We Have To Offer.

ALSO SELLING:

1 Reg. Fancy Steady Just Fresh, Dam 25,000M & 1,000F.
1 Reg. Hill Top Apollo Ivanhoe, Dam 87 Pt. Triple Threat With 19,320M 743F.

40 Head A.I. Sired & Home Raised Holstein Heifers, Ages From 4 To 20 Months Old. All Open. Selling At 10:30 A.M. Sharp. Out Of Chester Co. All From 1 Herd.

SHADY LANE DAIRY SALES, INC.
Quarryville, Pa.
Phone Glen 1-717-786-2750
Dave 1-717-786-1725

PS: This Is A Yearly Sale. Plan Your Work To Come Early And Stay Late. A Lot Of Good Cows Will Be Sold At The End Of Sale.

PUBLIC AUCTION

COUNTRY REAL ESTATE - PERSONAL PROPERTY - TOOLS - GUNS

SATURDAY, DECEMBER 21, 1991

9:00 A.M.

LOCATED: Dark Hollow Rd., Hallam Twp., York Co. 1 Mile from Rt. 30. Wrightsville Exit of Rt. 30. Go north to 1st intersection & keep left to Dark Hollow Rd., 1st place on right - Watch for Signs.

REAL ESTATE 12:00 NOON

Approx. 3+ acres of land w/a 2 story house with aluminum siding, large 1 car block garage and utility building. The land is with a orchard having apple, peach, plum, & pear trees, Evergreen trees, Christmas trees, grapes & blueberries. House has a kitchen w/Cabinets & Dishwasher, dining room w/wall to wall carpet, large living room with hardwood floors and a open stairway. Large front and rear closed-in porches. 2nd Floor has 2 bedrooms & tile bathroom w/storage area. Cement basement w/outside cellar entrance. Storm windows & oil hot air furnace. Eastern York School District, Hallam Twp., York Co. PA.

SHOWN BY APPOINTMENT- PHONE 757-6914 OR 764-6412

TERMS: 10% DOWN, BALANCE IN 60 DAYS.

PERSONAL PROPERTY· 9:00 A.M.

Maple Oval Extension Dining Room Table & 4 Chairs, Night Stand, 4 Drawer Chest, Small Drop-Leaf Table & 2 Chairs, Hotpoint Refrigerator w/Freezer, Sylvania Colored TV, 3 Recliners, Living Room Sofa & Chair, Bookcase, Radio, Metal Folding Chairs, Lawn Chairs, Lloyd Porch Chairs, Blonde Bedroom Suite, Humidifier- LIKE NEW, Sewing Machine, Double Bed, Bed w/Bookcase Head Board, Wooden High Chair, Westinghouse H.D. Washer, Kelvinator Chest Freezer, Camping Gear, Folding Cots, Coleman Lantern, Stove, Sleeping Bags, Wood Box, Wash Tubs, Market Basket, Slaw Cutter, Sausage Stuffers, Butcher Knives, Meat Grinder, Crocks, Chest Cooler, Table & 2 Benches, Flatware, Pots & Pans, Small Kitchen Appliances, Air Conditioner, Mixing Bowls, Apple Bottle, Corningware, Clown Cookie Jar, Old Books, Cookbooks, Cracker Jar, Redware Glass, Blankets, Projector, Projection Table & Screen, Sweeper, China Glass, Kerosene Light-Electrified, Porch Glider, What Knots, Glassware not unpacked, Yarn, Fans, Heaters, Deer Head, Tanned Deer Hide, Christmas Decorations, Etc.

Electric Cords, Drills, Carpenter Tools, Mechanical Tools, Tree Pruning Tools, John Deere 180 Tractor & Mower, Ariens RT 7020 - 7 hp - Rototiller - LIKE NEW, David Bradley Super 600 Tractor & Attachments, 2 Wheel Garden Tractor Planter Jr., Rubber Tire Rotary Mower, Mighty Mac Sprayer w/Gas Engine & Wan, Precision Garden Seeder, 2 Wheel Trailer, Lawn Roller, Lawn Sweeper, Gardening Tools, Homelite XL Chain Saw, Stihl Blower, Echo String Trimmer, 2 Ton Floor Jack, Food Scales, Baskets of Various Sizes, Crates, Block & Fall, Poultry Wire, Hardware, Scott Seeder, 36' Double Ladder, Step Ladders, Masonry Tools, Gardening Fertilizers & Sprays, Rakes, Forks, Shovels, Garden Sprayer.

MODEL 782 MARLIN - 22 CAL. w/3 TO 9 POWER SCOPE; ITHACA 222 CAL. w/2 TO 7 POWER SCOPE; BERETTA 12 GA. SEMI AUTO - MODEL AL2; H&R MODEL 999 - 22 PISTOL "SPORTSMAN"; WINCHESTER MODEL 67 - 22 SINGLE SHOT.

"1969 FORD GALAXY 500 - INSPECTED & RUNNING"

TERMS: CASH OR GOOD CHECK

ESTATE OF:

JOHN H. DIETZ

EXECUTORS: EDITH M. GINGERICH
CARL J. BELCHER
ATTORNEY: GARBER & GARBER

AUCTION CONDUCTED BY:
RENTZEL'S AUCTION SERVICE
BLAINE & NEVIN RENTZEL
EMIGSVILLE, PA.
764-6412
PA LIC. #761 & #2483

Public Auction Register

Closing Date Monday 5:00 P.M. of each week's publication

SAT. DEC. 14 - 3PM, 10 Acres M/L Brick & Siding Dwelling, located at 1289 Red Run Rd., East Cocalico Twp., Lanc Co , PA, Lester W. Groff and Florence Groff, owners, T Glenn Horst and Sons, Aucts.

MON. DEC. 16 - 11AM, Farm Equipment, located Crawfordsville, IN, Karle Farms, owner, Schrader RE & Auction Co., Inc , Aucts.

MON. DEC. 16 - 5PM, Real Estate, Elk Dr., Lebanon, Leb. Co , PA, Ron H. Zuck, Esquire, Dwight D. Miller, Auct.

TUES. DEC. 17 - 11AM, Valleymere Reg Holstein Herd Dispersal, Chester Co., Pa. 70 Head-100% Reg & Home Raised, 10 Animals Scored Very Good, 2 Very Good 85 2 Yr Olds. Owners: J. Elmer & Sadie M. Lapp Auct. Steve & Steve Jr. Petersheim, 215-593-2828.

TUES. DEC. 17 - 5PM, New Guns, Fishing & Hunting Equip., Toning Tables, at Friendship Fire Co , 73 S. Main St., Spring Grove, PA, Spring Forge Trading Co , owners, Gilbert & Gilbert, Aucts

WED. DEC 18 - 9AM, Full Line Of Horse Drawn Farm Machinery, Draft Horses & Harness, Lanc. Co., Pa Owners: Joel S. & Miriam King Auct Steve & Steve Jr. Petersheim, 215-593-2828.

WED. DEC. 18 - 10AM, Large Liquidation of Highway Supply Co.-Including New Inventory, Rolling Stock, Shop Tools, Specialty Items, located Bath, NY, Steuben Supply Co., owners, Pirrung Auctioneers, Inc , Aucts.

WED. DEC 18 - 10AM, Building Supplies, located Millhurst Mills, Freehold, NJ, Peter Costanzo Auctioneers, Inc , Aucts.

WED. DEC. 18 - 10:30AM, Farm Machinery, located 1213 E Grant Ave , Vineland, NJ, Andrea's Auction Service, Aucts

WED DEC. 18 - 11AM, Extremely Well Equipped & Maintained Machine Shop, located at 251 S Herman St , York, PA, Baldwin Industrial Liquidators, Aucts

WED DEC 18 - 11AM, Special Dairy Herd Sale-5 Herds of Dairy Cows, at Belleville Livestock Market, Belleville, PA

WED. DEC 18 - 3PM, Antiques, HH goods, Tools, JD Lawn Tractor, held at the Horst Auction Center, located at the corner of Rt 322 & Durlach Rd , Ephrata, PA, T Glenn Horst and Sons, Aucts

THURS. DEC. 19 - 9:30AM, Centre Co Holstein Dairy Herd & Horse Drawn Farm Machinery Dispersal, located Shafferstown Rd., Madisonburg, PA, Daniel B & Naomi M Stoltzfus, owners, Bryan D. Imes, Auct.

THURS. DEC. 19 - 10AM, Fine Antiques, HH Goods, Old Quilts, Hand-Hooked Rugs, Tools, located 65 Penn St., Washington Boro, Manor Twp, Lanc Co., PA, Ida D. Young, owner, Howard Shaub, Aucts.

THURS. DEC. 19 - 10:30AM, Annual Christmas Sale-200 Head Reg and Hi Grade Holsteins at the Shady Lane Dairy Sales, Inc., ¼ mi. W. of Quarryville off Oak Bottom Rd., Glenn and Dave Fite, Sale Mgrs.

THURS. DEC. 19 - 1PM, Real Estate - +/- 8 Acre Equestrian Center Horse Farm, on premises Red Oak Equestrian Center, Inc d, 1270 Cox Cro Rd , Toms River, NJ, Peter Costanzo Auctioneers, Inc , Aucts.

THURS. DEC 19 - 4PM, Shop Equipment, Tools, Van Conversion Supplies, Case Uni Loader, Garbage & Dump Trucks, located at the corner of Rt. 897 and Wide Hollow Rd , 1 mi N of Terre Hill, East Earl Twp., Lanc. Co , PA, Bill Shumate, owner, T. Glenn Horst and Sons, Aucts.

FRI. DEC. 20, Farm Machinery, Binkley & Hurst Bros , 133 Rothsville Station Rd , Lititz, PA, John D. Stauffer, Auct.

FRI DEC 20, Large Dairy Classic Consignment, located Intercourse, PA, The Cattle Exchange, Aucts

PUBLIC SALE

OF FINE ANTIQUES, HOUSEHOLD GOODS, OLD QUILTS - HAND-HOOKED RUGS, TOOLS

THUR., DEC. 19, 1991

AT 10:00 A.M.

Loc: 65 Penn Street, Washington Boro, Manor Twp., Lancaster Co., PA. (Dir.: Along Rt. 999, west of Millersville).

Sale by:

IDA D. YOUNG

Howard Shaub, Inc. (717) 464-3541
Auctioneer (AU-000831-L)
Food Served

HFA

REALTOR MLS

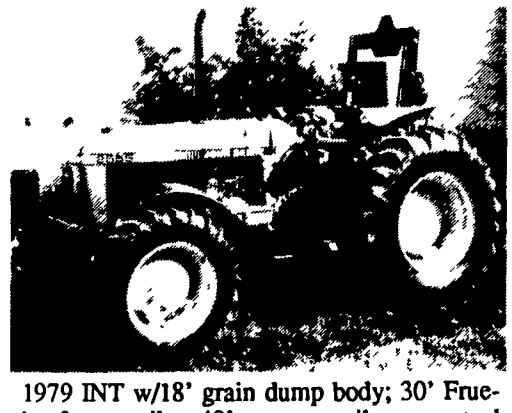
PUBLIC AUCTION

OF

TRUCKS, TRAILERS, TRACTORS & EQUIPMENT

Saturday, Jan. 4 @ 9:30 A.M.

Located 3 miles south of Elverson, take Rt. 82 south to Chestnut Tree Road turn right to property; West Nantmeal Twp., Chester Co.



1979 INT w/18' grain dump body; 30' Fruehauf van trailer; 40' storage trailer van; steel tank trailer; 1979 Chevy ¾ ton pickup, auto; 1971 Chevy C-50 stake bed; JD 4450 FWD diesel tractor, AC cab; JD 2555 FWD diesel tractor, only 1 year old; White 2-85 diesel tractor, AC cab; JD 7200 liquid 6 row corn planter, 2 yr. old; JD rotary hoe; NH "L775 skid loader; new NH #40 blower; NH #316 baler; NH #890 2 row corn harvester; NH #158 hay rake & tedder; (2) crop carrier 8 wagons, 1 w/ top; NH 3 pt. mower, NH crop chopper; NH grain & bale elevator 32'; NH #791 manure spreader; steel side bale wagon; #588 White 18" 6 bottom plow; #5200 Krause no till grain drill; #4924A Krause disc harrow; Sunflower 9 tooth chisel plow, 1 yr. old; (2) Brillion pulverizer, 23' & 10'; Brillion field cultivator; stone picker, 3 pt. Vicon seeder; PTO Fidelity generator, 25KW; 580 GT grain dryer; (3) gravity bin wagons; grain ovator trailer; Hi cap grain cleaner; 8" grain auger; bulk sprayer equip.; storage tanks, all sizes; 4 steel tanks from 4000 to 20,000 gal.; (6) 2" & 3" portable pumps; lots of sprayer & equip parts; new 2" 3HP pump; 34' steel trusses; 5 polx tanks, 500-1500 gal.; 32' flat trailer; high press piston sprayer w/motor; lg. air compressor; alfalfa hay & straw; tools and items on wagons; used hog equipment, small augers & small equipment.

Out of state checks must be approved prior to sale by owner.

Terms by:
Omar & Ruth Beam
215-286-9465

Horning Farm Agency, Inc.
Alvin Horning AU-0433-L
Merle Eberly AU-2417-L
Main Street, Morgantown
215-286-5183

— PUBLIC SALE —

Winross, Tonka & Hess Trucks
Over 60 Farm Toys, Model Kits,
Ertl Banks, & Japanese Tin Trucks

Thursday, Dec. 26 — 3:00 p.m.

FARM TOYS: Large assortment of J. D. A's w/man; 620's, 3020's; many IMPLEMENTS, A.C.-I90, 200, PULLER TRACTOR, C'S, Lawn & Garden Set; Crawler w/Blade; I.H. TD24 Crawlers; 966; 404; CASE: 1030, Olivers; M.F.; NEW HOLLAND; HUBLEY show tractors & MUCH MUCH MORE!!

JAPANESE TIN FRICTION: C.F. Single, Doubles, Tanker; Transcon Doubles; I.M.L. Doubles; Saunder Leasing; Cont. Trailways Bus.

PRESSED STEEL: Buddy L "Coca Cola"; Tonka w/Plows; ERTL GRAIN HAULER: Dumptruck, TONKA Firetruck; BUDDY L Camper Set; Structo HYD. Dump; MARX Marine Truck; TONKA Dump truck & Trailer, TONKA Yellow Road Grader; TONKA Allied Van Lines, TONKA Silver Anniversary, BARBER-GREENE Model Toy Loader, TONKA Grain & Steel (3 pc.) Hauler Set; TONKA Livestock; TONKA Firetruck.

★ ★ ★ LARGE ASSORTMENT OF ★ ★ ★
HESS TRUCKS & ADV. SIGNS

ERTL BANKS — LARGE ASSORTMENT
★ ★ ★ OF BANKS INCLUDING TEXACO ★ ★ ★

WINROSS TRUCKS: Mushroom; Branch; M.F.X. York (white); McLEAN, Preston, Hall's North Penn; RACING TRUCKS INCLUDING - Kodak; Gerhart; BILL ELLIOTT; RICHARD PETTY; KEN SCHRADER; & large assortment of local over the road trucks (LEFFLER - Ist Edition).

PROMOS: GOLD PLATED AWARDS; CADILLACS, CORVETTES: 1961 BONNEVILLE: 1966 RIVIERA; & MANY MANY MORE!!!

MISCELLANEOUS TOYS: IDEAL Robot; HUBLEY cars (Convertible); HUBLEY Telephone Truck. HUBLEY Firetruck, HUBLEY Kits; Guns; Cast Zephlin; DICK TRACY CAR; Battleship; Helicopter; MATCHBOX Racing, convoy & cars; MODEL KITS including Richard PETTY, Neil BONNETT; Corvette Kits; RACING CHAMPION CARS #I SERIES; Plastic Modified stock Cars; ERTL RIPTIDE SET; Ralstoys; Dinky Cars; Baldwin Lumber & NY & PA Motor Freight Paperweights; ERTL & NYLINT TRUCKS; I.H. Pick-up Truck; KODAK Pedal Car; Rutters Dairy Truck; TEXACO Fire Chief Hat; CONRAD Fire Engine.

AUCTIONEERS NOTE: THIS WILL BE A LARGE CATALOGED AUCTION WITH OVER 500 LOTS. **NOTE! SPECIAL STARTING TIME 3:00 p.m. OTHER TOYS ARRIVING TOO LATE FOR ADVERTISING.**

★ ★ OPEN FOR INSPECTION AT 1:00 ★ ★

AUCTIONEERS: Richard Harry & Randy Stoltzfus - AU-0021-83-L

HARRY'S AUCTION
16 Graybill Road, Leola, PA
(717) 656-2436 or (717) 656-8919
8 miles east of Lancaster. One block south of Rte. 23 in Leola, PA (Village of Bareville).

P.S. Don't forget...
Harry's Auction Antique & Collectible Sale New Year's Day at 9:00 a.m.

Public Auction Register

Closing Date Monday 5:00 P.M.
of each week's publication

FRI DEC. 20 - 11AM Sharp! Holiday Dairy Sale-50 Holsteins, at Kling's Sale Barn, located 15 mi N. of Carlisle on PA Rt 74, 2 mi. NE of Landisburg, PA, Kling's Auctions, Inc, Aucts

FRI DEC. 20 - 11AM, 80+ Grade & Registered Holsteins, Sale held at the Ben K. Stoltzfus farm on Rt 340 just E. of Intercourse, The Cattle Exchange and Stonehurst Farms

FRI. DEC 20 - 1:30PM, Pigs State Graded Sale, at Westminster Livestock Auction, Westminster, MD

SAT. DEC. 21 - 9AM, Country Real Estate, Personal Property, Tools, Guns, located Dark Hollow Rd., Hallam Twp., York Co., PA, Estate of John H. Dietz, Blaine & Nevin Rentzel, Aucts

SAT. DEC. 21 - 9AM, Antique Farm Equip & Parts of the Farmer J B Hostetter of Mt Joy, PA, located rear of 33 W Main St, Mt Joy, PA, Clarence Hostetter, owner, Raymond Miller and Jim Hershey, Aucts

SAT. DEC 21 - 10AM, Tractors, Machinery, Trailers, Truck, located Gettysburg, PA, Wallace P. & Scott Murdoch, owners, C David Redding, Auct.

THURS. DEC. 26 - 3PM, Winross, Tonka & Hess Trucks, Over 60 Farm Toys, Model Kits, Ertle Banks, etc, at Harry's Auction, 16 Graybill Rd., Leola, PA, Richard Harry & Randy Stoltzfus, Aucts.

FRI. DEC. 27 - 9:30AM, 47 Acres w/Frame Farmhouse, Antiques, and HH Goods, located 3950 Old York Rd., Wellsville, PA, Estate of Mable G. Shaffer, Rentzel's Auction Service, Aucts.

FRI DEC 27 - 1:30PM, State Graded Feeder Pig Sale, Exit 12 E off I-81, Carlisle Livestock Market, Inc.

SAT. DEC 28 - 9AM, Fine Antiques, Collectibles, Household, Glassware, located at Redding Auction Service, take Rt 34, ½ mi N. of Gettysburg, PA, bear right at Y & continue 2 mi on Table Rock Rd, Ellen Tipton Buehler, owner, C David Redding, Auct

SAT DEC 28 - 9:30AM, Excess Building Equip., & Material, located 7655 Harmony Grove Rd, Wellsville, PA, Stve E Slothower, owner, Rentzel's Auction Service, Aucts.

SAT. DEC. 28 - 10AM, 142 Acre Farm & Equipment, located along SR 2002 off Rt 54, S. of Danville, Lloyd E. & Frances J. George, owners, Horning Farm Agency, Inc., Aucts.

SAT. DEC. 28 - 10AM, Short Notice Bankruptcy Auction-46 M/L Acres of Land, located from Lancaster, PA take Rt. 272 S. appr 20 mi. to Wakefield, turn S on Rt 272, 3 mi. to Little Britain, turn right on Brown Rd., app. 1 mi., Gladys S Craig, Debtor-In-Possession, Kreider, Kline and Good, Aucts

SAT. DEC. 28 -11AM, Modern Farm Equip., (Between Reading & Allentown) 1st farm West of the Borough of Fleetwood toward Blandon, along West Main St., Berks Co., PA., Samuel S. & Anna M. Shirk, owners, Ralph W. Zettlemoyer Aucts.

SAT. DEC. 28 - 11AM, Tractors, Trucks, Implements, located Rehobeth, MD, Near Pocomoke, J Lowell Stoltzfus, owner, Pete Richardson Auction Sales, Inc.

SAT. DEC. 28 - 5PM, 7th Annual Consignment Auction of Farm Toys and Toy Trucks, at Lancaster City "Days Inn" on Keller Ave near Stockyards, Dale Stoltzfus, Auct.

HFA REALTOR MLS

PUBLIC AUCTION

OF 101 ACRE LANCASTER COUNTY FARM AND 20 ACRE PARCEL

FRIDAY, JANUARY 3, 1992

@ 11:00 A.M.

Directions: From Lancaster Rt. 283W to E-town exit, right on Clover Leaf Rd., go .9 mile straight on Green Tree Rd. to T, turn right on E-town Rd., turn left on Sunnyburn Rd. to 1st farm on left. Mt. Joy Twp., Lancaster Co.

PARCEL #1: Property consists of 2½ story brick house; first floor has kitchen, living room, dining room & 1/2 bath; second floor has 3 bedrooms & full bath; full basement; oil hot air heat; slate roof. House has a brick addition with 2 car garage and apartment overhead.
BARN: 96x105, 2 story bank barn including a feedlot to fatten beef cattle, with a 72x105 outside loafing area. Feedlot set up to fatten 250 head of cattle with 3 Rissler bunk feeders and a Rissler feed mixer with a 6,000 pound scale.
SPRINGHOUSE: 2 story stone.
OTHER BUILDINGS: Small corn and equipment shed, and a 2-car garage.
SILOS: 2- 16x60 concrete; 1- 18x70 stave.
ACREAGE: 95 tillable acres; 5 in pasture-land with spring fed pond and stream. Approximately 990 feet of road frontage.
COMMENTS: Very productive Lancaster County farm in high state of cultivation, all buildings are in excellent repair in a beautiful setting overlooking pond and meadow.
PARCEL #2: 20 acres of all tillable land bordering 101 acres.
OPEN HOUSE: Saturday, December 14th from 1-4 PM or anytime by appointment.
TERMS: 10% day of sale; settlement on or before March 28, 1992. Owner financing available to approved buyer; call Horning Farm Agency for more information.
NOTE: Farm equipment to be sold February 15, 1992, watch for full listing.

Terms By:

ROBERT E. GINDER
LORAINE D. GINDER

Horning Farm Agency, Inc.
Alvin Horning AU-0433-L
Merle Eberly AU-2417-L
Main Street, Morgantown
215-286-5183

Public Auction

Every Fri.

5 P.M.
Furniture

Located: Green Dragon Market & Auction.
Antiques & Household Goods & Tools & Produce.
Consignment Welcome. Pickup Service Available. Call (717) 733-8192.

Wolgemuth Auction Service
Dennis #2357 **Bob**
Res. (717) 664-3893 **Res. (717) 665-6684**

Complete Chester County Herd Dispersal

At The Shady Lane Dairy Sales,
¼ Mile West Of Quarryville

Tuesday, December 31, 1991

11:00 A.M.
For Mr. & Mrs. William Lusby, Cochranville, Pa.

92 Head of Holsteins, DHIA rolling herd over 18,000. Many individual 2 & 3 yr. olds over 20,000. Also nice selection of Springing heifers with all ages down to started calves.

Watch later paper for full ad.
Shady Lane Dairy Sales, Inc.
Quarryville, PA.
Phone Glenn 717-786-2750
Dave 717-786-1725

NOTICE OF TIME CHANGE
(HAY SALE)

At Goods Auction, 111 North Maple Ave., Leola, Pa.
Starting Jan. 1, 1992
(New Year's Day)
Hay And Straw Sales Will Start
At 10 A.M. Every Wed.
Goods Auction

PUBLIC AUCTION

47 ACRES w/FRAME FARMHOUSE
ANTIQUES AND HOUSEHOLD GOODS

FRIDAY, DECEMBER 27, 1991

9:30 A.M.

LOCATED: 3950 Old York Road, Wellsville, PA. 1 Mile North of Rossville, York Co., PA.

12:00 NOON REAL ESTATE
12:00 NOON

Apprx. 47 Acres w/2 Story Frame Farmhouse having 7 rooms. Zoned Rural Agricultural, Warrington Twp., York Co., PA. Approx. 1800 Ft. Road Frontage on Old York Road. Road Frontage is Clear Land and Balance is Woodland. 1 Mile from Pinchot Park, 3 Miles from Ski Roundtop.

For More Info. Phone 764-6412

TERMS: 10% down sale day, balance in 45 days. Property is being sold in it's "As Is" Condition.

9:30 AM ANTIQUES AND PERSONAL PROPERTY 9:30 AM

Wooden Dining Room Chairs, Sideboard w/Mirror, Oak Mirror, Old Wooden High Chair, Oak Dresser, Chest of Drawers, Library Table, Clothes Tree, Stands, Reed Table, Wooden Benches, Porch Rockers, Iron Beds, Flatware, Metal Wardrobes and Utility Cabinets, Tinware, Peanut Butter Glasses, Afghans, Spreads, Other Bedding, Marbles, Flat Iron, Toy Model Cars, Other Old Toys, Old Books and Pictures, Shawnee Pitcher, Hot Plates, Electric Heaters, Floor and Table Lamps, Kelvinator Chest Freezer, Wringer Washer, Wash Tubs, Cow Bells, Yarn Goods, Flowered Feed Bags, Cast Fry Pans, Electric Stove, Wooden Table, Perfection Heater, Baskets, Cane Vanity Bench, Meat Grinder, Pots and Pans, Kettles, Mixing Bowls, Glassware, Grease Gun, Step Ladder, Canning Jars, Garden Cultivator, Rotary Lawn Mower, Old Wrenches and Tools and Other Items Too Numerous To Mention.

TERMS: Cash or Good Check, Full Settlement Sale Day.

Estate of:
MABLE G. SHAFFER
Executrix: Mildred I. Laughman
Attorney: Suzanne Griest

Auction Conducted By:
Rentzel's Auction Service
Blaine & Nevin, Emigsville, PA
(717) 764-6412
PA Lic. #761 - #2483

PUBLIC AUCTION

MODERN FARM EQUIP. AUCTION

Sat., Dec. 28, 1991 at 11 A.M.

(Between Reading & Allentown) 1st farm West of the Borough of Fleetwood toward Blandon, along West Main St., Berks Co., Pa.

TRACTORS

JD 4440 diesel, pwr shift & sound guard cab, triple hyd outlets, 3300 hrs; JD 2940 diesel w/dual hyd outlets, 3900 hrs; JD 3010 diesel w/Roll-O-Matic & dual hyd outlets; set of 20.8-38" snap on duals.

SKID LOADER

Case 1845 B diesel w/84" bucket, 2200 hrs.

TILLAGE

Unverferth Penetrator coulter & 7 tooth chisel pl comb w/leveling bar; AC Mod 2000/5-16" hy. reset pl; Sunflower 18' Rockflex Mod 1232 wing disc; Brillion 21'-X fold dual wheel transport cultipacker.

PLANTING

JD 7200 Max-Emerge - 2 vacuum metered no till planter w/dry fertilizer w/hopper extensions; Vermeer Mod 107, 10' - 18 disc no till drill.

HAYING

NH 489 haybine; Pequea 710 PTO hay tedder (did 26 acres new); JD 670 - 9' rake w/frt dolly wheel; NH 316 Hayliner baler w/#70 thrower; 3- 8'-16' & 8'x18' metal bale side wagons; 7'x16' wdn bale side wagon; Zimmerman 36' c & bale elev.

GRAIN

JD 6600 rotary screen combine w/Dual-A-Matic header control 2663 hrs; nice #215 grain head; 444 c head, can be used as 4 r wide or 5 r narrow; straw chopper for 6600 series combines; 2- custom made header carriers; 2- Country Boy 300 bu gravity bin wagons; My-D Hand-D 8'x56' transport auger.

TRUCKS

1970 Int 1600 Loadstar w/345 engine w/12' steel dump body w/auxiliary hyd attach for auger, 24,000 GVW; 1967 GMC mod 7500, 24,000 GVW w/24' grain tight body (nice for hay).

SPRAYING & FERT

Zimmerman 500 gal. tandem axle sprayer w/inline tank, chemical induction tank, foam markers, safety water tank, elec valve controls, & 45' hyd folding boom; 2-2000 gal. fert tanks (heavy duty) w/ss fittings; 1-1500 gal fert tank; McCurdy hyd fert auger for dump truck; Lely 3 pt 660 lb spreader; Homelite fert transfer pump.

MISC.

H & S (Mod 295 bu) tandem axle manure spreader w/hyd end gate; Westgo Mod 2020/3 pt 4 r S tine cultivator; Feed Easy (Van Dale) 18' self leveling silo unloader; Badger TA-54 hopper silo blower; Heubler #818 sp mixing type feed cart; Speeco 3 pt post hole digger 9" auger; Ford mod 953/3 pt 7' rotary cutter; 4 wheel farm trl; 3 pt. 8' Work Saver blade; 2-300 gal skid fuel tanks; 2- 110 gal portable fuel tanks w/12 volt pumps; 4- calf hutches; 2- pick up tool boxes; hyd cyls; hay ring feeders; MC 9' drag finishing disc; Case 5' trlr rotary cutter; David Bradley garden tractor w/culti & sn pl.

TRAILER

Southeast 6'-6" x 16' tandem axle 10,000 lb construction trl w/ramps.

TRUCK

1983 Ford F-150, 145,000 miles, but looks & runs good.

NOTE: This is super looking equip, some only 1-2 or 3 yrs old.

Terms- Cash or acceptable check, out of state buyers bring current bank letter of credit showing amount to be spent.
Refreshments available

For
SAMUEL S. & ANNA M. SHIRK

Conducted by
Ralph W. Zettlemoyer Auction Co. Inc.
(215) 395-8084
Pa. License #AU-001809-L

P.O. Box 215 • Fogelsville, PA 18051 • 215-395-8084 • License #AU001809-L

RALPH W. ZETTLEMOYER AUCTION CO. INC

Public Auction Register

Closing Date Monday 5:00 P.M. of each week's publication

MON. DEC. 30 - 9AM, Complete Blacksmith Shop, Tools & Equip., located at 2227 Meadow View Rd., Mastersonville, PA, Blanche N. Garman, owner, T. Glenn Horst and Sons, Aucts

TUES. DEC. 31 - 11AM, Complete Chester County Herd Dispersal at the Shady Lane Dairy Sale, ¼ mi. W. of Quarryville, Mr. and Mrs. William Lusby, owner, Shady Lane Dairy Sales, Inc., Aucts.

JAN.

FRI. JAN. 3 - 10:30AM, Farm Equip., Skid Loader, Cattle & Grain Trucks, Dairy Equip., located Exit off the NE ext. of turnpicke at Lansdale exit, turn E. onto Rt. 63 go .2 mi., then follow Rt. 63 left for anoth 2 mi. to Hatfield Quality Meats sign, turn onto Funk Rd., go .7 mi., turn R. onto Derstine Rd., go 1 mi. to 1st fam on right, Montgomery Co., PA, John & Paul Rohr, owners, Ralph W. Zettlemoyer Auct. Co., Inc., Aucts.

FRI. JAN. 3 - 11AM, 101 Acre Farm and 20 Acre Parcel, located along Sunnyburn Rd., Mt. Joy Twp., Lanc. Co., PA, Robert E. & Loraine D. Ginder, owners, Horning Farm Agency, Inc., Aucts.

FRI. JAN. 3 - 1:30PM, Pigs State Graded Sale, at Westminster Livestock Auction, Westminster, MD.

SAT. JAN 4 - 9:30AM, Trucks, Trailers, Tractors & Equipment, located along Chestnut Tree Rd., W. Nantmeal Twp., Chester Co., Omar & Ruth Beam, owners, Horning Farm Agency, Inc, Aucts.

SAT. JAN. 4 - 10:30AM, Garden Tools, HH Goods, Personal Property, located West Side of Adamstown, Lanc. Co., PA, from Rt 272, N on Cocalico Rd. to Black Angus Rest., ¼ mi to farm, Leon & Eva Youndt, owners, LeRoy S. Horst and Paul W. Horst, Aucts.

FRI. JAN. 10, State Graded Feeder Pig Sales at Carlisle Livestock Market, Inc., Exit 12 East off I-81, Carlisle, PA.

SAT. JAN 11 - 12Noon, 205 Acres M/L Farm, Beech Creek, Clinton Co., Beech Creek Twp., PA, Gerald & Elizabeth DuFour, owners, All American Aucts, Darvin J Rodgers, Jr, J Kevin Noll, Appr. Rltr., Philip V. Nissley, Aucts.

SAT. JAN 11 - 1PM, 100 +/- Acres Lehigh Co. Dairy-RE Deeded in 4 Separate Parcels, Main Facility now Used as dairy operation, located in Lynn Twp, Lynnport, PA, Ralph & Marie Dietrich, owners, Horning Farm Agency, Aucts.

WED JAN 15 - 9AM, Farm Machinery, Silage & Hay, located Mill Hall, PA, close to Rote, Clinton Co, Mark and Priscilla Stoltzfus, owners, John Esh, Auct

FRI JAN. 17 - 1 30PM, Pigs State Graded Sale, at Westminster Livestock Auction, Westminster, MD.

SAT. JAN. 18 - 10AM, Farm Machinery, UD 4230 Dsl, 1200 Gal Girton Milk Tank, Bouamatic Computer Feeding System, located Chester Co, PA, 1 mi. E. of Octorara High School, Nelson & Joyce Stoltzfus, owners, Steve and Steve, Jr, Petersheim, Aucts

FRI. JAN. 24, State Gradec Feeder Pig Sales at Carlisle Livestock Market, Inc, Exit 12 East off I-81, Carlisle, PA

SHORT NOTICE
BANKRUPTCY AUCTION
46 M/L ACRES OF LAND
SAT., DEC. 28, 1991
10 A.M.

Location: From Lancaster, Pa. Take Rt. 272 South App. 20 Miles to Wakefield, turn South on Rt. 272, 3 Miles to Little Britain, turn Right on Brown Rd. App. 1 Mile. Little Britain Twp. Lanc. Co.

Zoned Agricultural. Property consists of 17 Acres of Tillable Land, 27 Acres Meadow w/a Stream, App. 2 Acres of Woodland. Road Frontage along Brown Rd. and Kirks Mill Rd. **Terms: 10% Down Day of sale, balance upon settlement.**

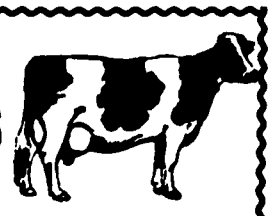
TERMS BY:

GLADYS S. CRAIG,
Debtor-in-Possession

Auction Conducted By:
Lloyd Kreider, AU000513L,
717-786-3394
Randal Kline, Roy Good

KLINE & KREIDER AUCTIONEERS

KISH VALLEY DAIRY SALES



Located on the corner of S. Walnut Street and the Front Mountain Road, Belleville

Christmas Dairy Sale
Friday, December 20
1:00 p.m.

- ONE LOAD OF FRESH COWS
- ONE LOAD CLOSE SPRINGERS
- ONE LOAD OF CANADIAN COWS

Lot Of Turkeys To Be Given To Buyers

CONSIGNMENTS ARE WELCOME

For More Information Contact:
Sherman Glick, Owner 717-935-5195
or 717-248-0960
Bryan D. Imes, Auctioneer AU-00-16567-L
Ph. 717-527-2449

(12-18-b-2)

AUCTION
FARM MACHINERY
Wed., Dec. 18th — 10:30 A.M.
Edward Schmitt

1213 E. Grant Ave. Vineland, N.J
(S. Main Rd. to E. Grant — Left turn — Sign posted)

3000 Ford 8 speed, 3000 Ford Selecto speed, 671 Ford, 8 N Ford 1952 with step down, 8N Ford 1952, 100 International, 130 International, G-Allis Cham., 1975 C-30 Chev. 12 ft. with rakes & canvas - low mileage, 1954 G.M.C. 1½ ton farm truck, 1952 F-6 Ford farm truck, 2-16" J.D. roll over plows, 9 ft. disc harrow, 100 gal. Meyers sprayer, 250 gal. Century Sprayer, 4 row Stan Hay seeder with Grandy Hopper, 4 row Planter Jr. seeder with Grandy Hopper, 3 row Planter Jr. seeder, Vicon fert. spreader, fert. side dresser, soil Fumigator, 3 A.C. cult., 3 Inter. cult., 2 Ford cult., 2 Kirbo cult., 2 Planter Jr. wheel hoes, 3 row Budding cult., 3 row Holland Transplanter 3 pt., 9 ft. spring tooth harrow, 1-56" bed maker, 1 rigger bedder for peppers, plastic hole puncher, Inter. P.T.O. manure spreader, 3 pt. sub soiler, 2 farm trailers, 1 Eager beaver utility trailer, Tew washer & grader, Trescot dry brusher, 10 K.W. generator, front end loader for Ford, 2 self propelled transplanters, many misc. parts and other items.

Terms: Cash!
Andrea's Auction Service
Auct.: Andrea Licciardello
Swedesboro, N.J.

PUBLIC AUCTION

• • PUBLIC AUCTION • •
VALUABLE FARM EQUIPMENT; SKID LOADER CATTLE & GRAIN TRUCKS & DAIRY EQUIPMENT
Friday, January 3, 1992 at 10:30 A.M.

Exit off the Northeast ext. of turnpike at Lansdale exit, turn E. onto Rt. 63 go .2 mile, then follow Rt. 63 left for another 2 miles to Hatfield Quality Meats sign, turn onto Funk Rd. go .7 mile, turn R onto Derstine Rd, go 1 mile to 1st farm on right, Montgomery Co., Pa.

TRACTORS

JD 4230 w/pwr shift, 4 post roll guard, 3870 hrs; JD 2440 w/2660 hrs & JD #175 frt end loader w/6' bucket; JD 1020 w/143 loader; Farmall 966 w/overhauled TA & major engine repairs, 3pt & 20.8-38" radials; Farmall 806 w/3pt; Farmall M; Farmall H tractor.

TILLAGE & PLANTING

Int. 720, 5-18" auto reset pl; Ford 3PT 3 bottom trailer plow and 8' cultipacker; JD #215-14' dual wheel transport finishing disc; JD 8' transport finishing disc; JD 7000 conservation 4 r c planter w/squeeze pump & computer trak 100 monitor; JD 8250 17 dbl disc grain drill w/grain, fert & grass seed.

HAYING

JD #1327 disc mower conditioner; Kuhn dbl swath PTO tedder; JD 660 rake w/dolly wheel; JD 336 baler w/ejector; Oliver 620 roto flow feed wire tie baler; 2-8'x18' metal bale side wagons; Farmec 22' bale & c elev.

FORAGE

JD 3940 forage harvester w/pick up & one r c head; 2- JD 714-A and 716-A three beater forage wagons w/roofs & 10 & 12 ton tandem axle chassis; JD #65 blower.

COMBINE

JD 6620 Hillside hydro, (nice); JD 213 flex head; JD 444 c head; Gleaner Model F self propelled combine w/13' grain head & 4 r n corn head.

TRUCKS

1972 Int 1700 Loadstar, 33,000 lb GVW, w/Midwest 18' grain dump body; 1961 Int. 1800 Loadstar, 26,000 lb. GVW, w/14' metal dump body (no inspection); 1984 Ford F-250 w/auto trans, 5/.8 litre engine, 58,000 miles; 1977 Chev. 30 w/11' Eby alum body w/box for winch, 92,000 miles.

SKID LOADER

Bob Cat 610 w/manure fork & 7' bucket.

MISC.

Woods 3 pt. 72" rotary mower; Woods 3 pt. 80" rotary mower (needs gear box); Martin 1666 manure spreader w/frt or rear discharge; JD 2-14" trl pl; 2- Smoker 125 bu gravity wagons; 10 ton leg metal feed bin; Brillion 12' transport roller harrow (needs help); Forney 180 AMP elec. welder; Fidelity 35 KW, PTO transport generator; NI 223 (2) 2 roll mounted husker.

DAIRY EQUIP.

Herringbone dbl six milking parlor & Surge pipeline w/power panel, electrobrain; Surge hy pressure washing pump; Alamo #75-6 unit milker compressor; 3 hp refrigeration comp; 80 gal. hw heater; 22- Jamesway comfort stalls & water bowls; 90 Surge free stalls; Patx barn cleaner & chute, approx. 200' chain, & 3 hp motor; P&D 90' rubber belt forage feeder; Harvestor 90' bunk feed trough; 2- Patz 25' & 30' feed elev's; asstd. cattle gates; lot of metal fence posts.

STRAW

200 bales wheat straw.

Terms- Cash or acceptable check, out of state checks must be accompanied by current bank letter of credit stating amt. to be spent.

Refreshments available

For JOHN & PAUL ROHR

Conducted by Ralph W. Zettlemoyer Auction Co., Inc.
(215) 395-8084
Pa. License #AU-001809-L

P.O Box 215 • Fogelsville, PA 18051 • 215-395-8084 • License #AU001809-L

RALPH W ZETTLEMOYER AUCTION CO., INC

PUBLIC SALE
VALLEYMERE
Registered Holstein Herd Dispersal
Tuesday, December 17, 1991
11:00 A.M.

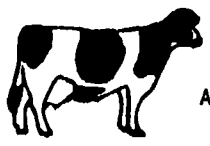
Sale held on the Farm in Chester County, Pennsylvania 3 mile East of Rt. 10 and Rt. 340 intersection go East on Rt. 340.

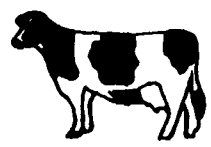
Seventy Head Registered Holsteins Seventy Head

Thirty-six Head Milking; twelve 2 yr. olds; eight 3 yr. olds; eight 4 and 5 yr. olds; young herd 13 head fresh and due Oct. thru Jan. Thirteen bred heifers, 3 due Jan. 10, due Feb. thru July '92; 2 Service age bulls; 19 heifers, yearlings to calves, 1 Bull.

D.H.I.A. Rolling Herd, Avg. 20,371 milk 726 fat Home raised herd, 100% Registered, calfhood vaccination, certified - accredited - 30 day charts, regular Preg. checked annually vaccinated for B.V.D. - I.B.R. - B.R.S.V. and P.I.3. Bulls represented 11 Cleitus daus. 4 count, 4 Steady, 7 Trifecta, Vanguard, Dale, Very, etc. Service Sires Mascot, Glow, Tong, Ever Ready, etc. Herd has 10 animals scored Very Good, 2 two year olds, 16 head scored Good plus others with scoring potential.

Ruth - V.G. 85 Sire - Harrisburg Gay Ideal Due 2-5-91 to Cleitus
7:09 338 dys. 25,024M. 816 Fat
Ruth has 2 off springs that sell.
2 yr. old Cleitus dau. due 1-13-92
Cleitus Son Service Age.





Ada - V.G. 87 Sire - Spirit Fresh Aug. 91
5:10 300 dys. 23,268M 817 Fat
dau. sells (Alma)

Alma - V G 85 two yr. old Sire - Cleitus Fresh Aug 91
Presently milking 80 pds. - dam Ada V G 87

Cathy - V G. 86 Sire - Milnor Due 12-19-91 to Glow
6:11 325 dys. 25,639M 804 Fat
2 daus. sell

Five year old Sire - Pepper Due 1-10-92 to Cleitus
Two year old Sire - Cleitus Fresh Aug 91 Milking 70 pds

Anette - G+81 Sire - Ford Due 1-31-92 to Beltone
3 08 347 dys. 32,179M. 877 Fat
2 07 350 dys. 25,900M. 701 Fat
Bred Steady dau. sells Due 2-1-92

Flo - G+82 Sire - Count Due 5-8-92 to Leader
2 01 312 dys. 18,760M. 566 Fat
6 mos. old Leader dau sells

AUCTIONEERS NOTE: Dairymen this is an opportunity to purchase animals with 27 years of hard work and selective breeding behind them. Call for 4 generation Catalogs 215-593-2828 or pick up at ring side sale day.

Owner:
J. Elmer & Sadie Lapp

Pedigrees: Henry Kettering
Auctioneer:
Steve
Steve Jr. Petersheim:
215-593-AUCT
Lic. #AU-001349-L

Food On Premises

Public Auction Register

Closing Date Monday 5:00 P.M.
of each week's publication

SAT. JAN. 18 - 10AM, Valuable Real Estate, Full Line of Woodworking Shop Equip. and Small Hand Tools, located take May Post Office Rd. S from the square in Strasburg 6 mi., turn right on Eden Rd. 1 mi. to property, Stephen L. Esh, owner, Diffenbach's Aucts.

FEB.

SAT. FEB. 1 - 2PM, 82 Acre Farm, located along Church Rd., 1 mi. N. of Richfield, Snyder Co., PA, Amos K. and Mable H. Martin, owners, Nevin Martin and Andrew Martin, Aucts.

SAT. FEB. 1 - 5PM, 6th Annual Consignment Auction of Farm Toys and Toy Trucks at the New Holland Fire House on E. Main St., Dale Stoltzfus, Auct.

MON. FEB. 3, C.A.G. Farms, Inc. Dispersal-Potato-Sod-Spinach-Pickle-Carrot-Grain Equipment and Irrigation Lines, located Massey, MD, Kent Co., Charles A. Gemberling, owner, Pirrung Auctioneers, Inc., Aucts.

FRI. FEB. 7 - 1:30PM, Pigs State Graded Sale, at Westminster Livestock Auction, Westminster, MD.

SAT. FEB. 8 - 9AM, Mules, Horses, Full Line Of Good Farm Equipment, Tools, Etc. Located 2½ Miles East Of Lancaster, 1 Mile Northeast Of Route 340 At 2008 Horseshoe Road, East Lampeter Twp., Lanc. Co., Pa. Owner, Paul Smucker. Diffenbach's Auct.

MON. FEB. 10, Potato and Grain Farm Equip., Auction for the Estate of Clyde Cross, Pike, NY, Wyoming Co., Pirrung Auctioneers, Inc., Aucts.

TUES. FEB. 11 - 9:30AM, Livestock & Farm Equipment. Located 3 Miles Northwest Of Intercourse, ¼ North Of Route 472 From Mascot Mill (Resslers). First Farm On Right Along Stumptown Road. Owner, Abram S. Stoltzfus. Diffenbach's Auct.

FRI. FEB. 14, State Graded Feeder Pig Sales at Carlisle Livestock Market, Inc., Exit 12 East off I-81, Carlisle, PA.

SAT. FEB. 15 - 9AM, Public Sale of Farm Machinery and Livestock located on Good's Road, 2 miles southwest of Hinkletown, 2 miles northeast of Farmersville, 1 mile off Farmersville Road. Terms by Ammon Z. Martin. Paul Snyder, Auctioneer.

SAT. FEB. 15 - 10AM, Farm Equipment, located along Sunnyburn Rd, Mt Joy Twp, Lanc. Co, PA, Robert E. & Loraine D Ginder, owners, Horning Farm Agency, Inc., Aucts.

MON. FEB. 17, Major and Valuable Coin Auction for the Estate of Lester Eugene Reynolds, at the Coachlight Motel Banquet Room., Hornell, NY, Steuben Co., Pirrung Auctioneers, Aucts.

TUES. FEB. 18 - 9:30AM, Horse Drawn Farm Machinery, Horses and Holstein Heifers, located 1 mi. SW of Gap, rom Rt. 41 at town clock cross railroad bridge to stop sign, turn left on Mine Rd., follow Mine Rd. to Buck Hill Rd., 2nd road on left, turn left go to 1st farm on right, Sadsbury Twp., Lanc. Co., Elmer K. Lantz, Sr., owner, Leon D. Kurtz and J. Omar Stoltzfus, Aucts.

TUES. FEB. 18 - 10AM, Full Line Of Modern Farm Equipment. Located 8 Miles South Of Quarryville, 6 Miles North Of Oxford, Little Britian Road Off Route 222 East On Noble Road, Left On Spring Hill Road To Sale, Lanc. Co., Pa. Owners, Allen & Arlene Weaver. Diffenbach's Auct.

WED. FEB. 19 - 9:30AM, Farm Machinery, 6 Head of Mules, A Few HH Goods, located Lancaster Co, PA 2 mi. W. of Whitehorse, David S. & Naomi Stoltzfus, owners, Steve and Steve, Jr. Petersheim, Aucts

FRI. FEB. 21 - 1:30PM, Pigs State Graded Sale, at Westminster Livestock Auction, Westminster, MD.

PUBLIC AUCTION

Sale #2211

WEDNESDAY, DECEMBER 18, 1991

Millhurst Mills, Freehold, NJ

Directions: 3 Miles West of Freehold Circle, 1 Block off Rt. 33 Southside.

BUILDING SUPPLIES
VALUE $875,698 INVENTORY
LUMBER, CABINETS, VANITIES, WINDOWS & DOORS, CERAMIC TILE

STARTING AT 10 A.M. - WINDOWS & DOORS: Incl. 3/0-8/0 Peachtree patio doors, 130 prehung ext. drs, some leaded, 200-1¼ " ext. solid mahogany and oak, leaded entrance drs, 100 steel fire drs & frames. Pella windows & drs., skylights, sunrooms, trapezoids, 480 6-panel WP colonial drs, 28'-32'

CARPET: 3,000 sy Barber, commercial and heavy residential.

CERAMIC TILE: 96,500 sf 13x13, 10x10, 8x8 floor white & colors, 60,000 sf 4x4, 6x6 Amer. Olean & Italian hand painted wall tile, 10,000 sf porcelain commercial, Geostone.

LUMBER, 15 TRUCKLOADS: 2x12 & 2x10x14 to 20" 2650 pcs. 2x4x8-10, large qty. 2x6 & 2x8, plywood, shingles & siding; 800 pcs. 1/2, 5/8 & 3/4 ext. plywood, 119,000 sf-½ " to 4" urethane insul., 26,500 If 4" clear mahog. firing, 24,000 If TJI microlam, 10" to 18", laminated beams, 200 bundles cedar shingles, treated lumber, 800 fence posts-4x5x8 treated, 2000 bds. Timberline shingles.

CLOTHING AND SKI GLOVES: Starting at 1 PM, 3,000 prs. Thinsulate ski gloves, 20,000 pcs. clothing: Men's sweatshirts, T-shirts, Heavy twill pants, dress shirts, 6,000 pcs. men's underpants, 6,000 pcs. Hanes thermal underwear. 5,000 pcs boys shirts, pants, tops, Amer. Manuf., whites and colors, all sizes.

1:30 PM: OFFICE FURNITURE: 78 combination hotel type safes, 500 office, pnuematic and drafting stools and chairs, imported from Italy, 60 exec. leather chairs.

TRUCKS: Trail King low bed trailer w/PM-34 special 6 story wall board crane 1986, 1980 Ford LTS 9000 w/$25,000 rebuilt prentice H-T8-R wallboard crane w/fiberoptic remote installed Aug. '89, hardly used.

KITCHEN CABINETS, VANITIES, PLUMBING: 8,000 Solid Oak, Cherry raised panel cabinet doors only. 1350 asst. gold plated solid brass & chrome washerless kitchen & bath faucets by Moen, etc.

WHIRLPOOL, VANITIES & SINKS: 532 Italian bath fixtures & mirrors, ino. tinted & mirror cabinets, 15 Whirlpool tubs-5" to 7", 12 pcs., acrylic & fiberglass tubs/showers, 198 vanities & tops, 80 pedestal sinks, 60 toilets, 160-5' bone tubs w/walls.

MARBLE TILE: 5,500 sf 3 color Vermont marble. **WP MOULDING:** Large lot-850,500 IF wp mouldings, clear & FJ casing, base, chair, rail, crown, etc. **SKYLIGHTS:** 36 glass and dome, clear & tinted to 52"x52".

HARDWOOD FLOORING: 9,000 sf ¾ "x3" to 7" plank oak, bruce, prefinished & unfinished, 8,000 sf tarkett prefinished to 3/8".

WOOD PANEL: 300 pcs. 4x8 woodgrain & decor, rosewood plank - 1000'. **VINYL TILE:** 40,000 sf-12x12. **CEILINGS:** 140,000 If grid, 124 grid lites. **LOCKSETS/HINGES:** 2500 Yale, entry, privacy, crystal, brass, porcelain 2,000 pr hinges - 3½ " to 4½ ".

PAINT: 1800 gallons ext/int/top quality, Cabote-Duron, Benjamin Moore. Large quantity of white. **OTHER ITEMS:** 2300 rolls single ply torchdown roofing, 500 ctn. com/ref. nails, 1,000 commercial & residential rubber floor mats, 427 wood & vinyl shutters, 1500 carbide sawblades, 78 fans and brass lamps, 79 light/bath fixtures.

TERMS: $100 refundable deposit to register. (10% buyers premium) cash or certified checks only, 25% deposit required day of sale.

SALE: Rain or Shine-Food service available! No children allowed!

AUCTIONEERS NOTE: In order to improve the speed and efficiency of the auction and to assure that we will conclude by 5:00 PM and have ample time left for check out, we will at times, hold two (2) auctions at the same time on unrelated items.

Peter Costanzo Auctioneers, Inc
LONG BRANCH, NJ 201-229-2530 UNION, NJ 201-688-2552

ABSOLUTE AUCTION

OF VALUABLE NEW GUNS - FISHING & HUNTING EQUIP. - TONING TABLES

LIQUIDATION AUCTION LIQUIDATION AUCTION LIQUIDATION AUCTION LIQUIDATION

ON: Tuesday Evening, Dec. 17, 1991

at 5 P.M.

AT: Friendship Fire Co., 73 S. Main St., Spring Grove, Pa.

Liquidation of Spring Forge Trading Co.

GUNS, FISHING & HUNTING EQUIP.

Remington rifles MDL 700 - MTN rifles, ADL's - BDL's & classics - Remington semi-auto shotguns 1187 - SP - 10 - Remington & Winchester Pump shotguns - MDL 19 Marlin exposed hammer pump gun - Ruger rifles in 300 win mag. - 338 win mag. - Slug shotguns - early 1900 handguns - fishing rods by Fenwick - Diana & Silstar - fishing reels by Penn - Shimano - Asst. fishing tackles - line - lures - etc. - Browning, Danner, Northlake & Remington goretex hunting boots - Camo clothing & rain gear - insulated hats - asst. ammo - Rem - Win & Federal - turkey mount - bear full size target - Cutlery by Camillus - WWII Commemorative set - cases - Remington knives complete set with case plus - 2 sets of 6 passive exercise toning tables - many other items too numerous to mention. Not responsible for accidents on day of auction. Refreshments available.

AUCTIONEERS NOTE: All merchandise BRAND NEW - Just in time for Christmas. Note: Quantities & Brands may vary slightly. Doors open for inspection at 4 P.M.

Gilbert & Gilbert Auctioneers
Jacob A. Gilbert, Lic. #336
Brian L. Gilbert, Lic. #2256
717-252-1656

REAL ESTATE AUCTION

MON. DEC. 16, 5 P.M.

Location: 7 Miles North Of Lebanon, Pa. Follow Rt. #343 N. To Firemans Park, Turn Left Onto Elk Dr. To House On Left. From Rt. #22 At Light In Fredericksburg, Turn South & Go 1½ Miles To Firemans Park, Turn Right Onto Elk Dr. To House. Property Is In Leb. Co. Pa.

A Lovely Cape Cod Home Is On A Large Lot With Own Well & Septic. On 1st Floor Is A Lg. Living Rm. w/Fireplace, Family Rm. Dining Rm., And Kitchen With Lots Of Cupboard & Cabinet Space. Also A Half Bath. An Open Stair Case Takes You To The 2nd Floor Which Has Two Lg. Bedrms., One Has Fireplace. 2nd Floor Also Has Full Bath.

Property Has A Lg. Attached Garage, Lg. Basement, Nice View Of The Mountain. Property Also Has Oil Hot Water Heat. Move In For Christmas.

Terms: 10% Down Bal. In 30 Days.

For Appointment, Call Auctioneer Dwight D. Miller. (717) 933-5736.

Sale For:

RON H. ZUCK
ESQUIRE
STEINER, SANDOE COOPER

Auctioneer:
Dwight D. Miller
AU-002414-L
(717) 933-5736

NOTE: AUCTION WILL BE INSIDE

Centre County

DAIRY HERD AND HORSE DRAWN FARM MACHINERY DISPERSAL

THURSDAY, DECEMBER 19, 1991

9:30 A.M.

Located along Shaffertown Road, Madisonburg, PA off Rt. 192, 15 mi. east of Centre Hall, 4 mi. west of Rebersburg and 20 mi. south of Lock Haven off Rt. 445.

GRADE HOLSTEIN DAIRY HERD
27 - MATURE MILKING ANIMALS - 27

A young disease free, good uddered herd with lots of size and production. 2 due by sale day, 10 sell recently fresh, 9 due Jan.-Mar. balance in different stages of lactation. Herd currently milking close to 60 lbs. with several milking from 70 to 90 lbs.

60 DAY HEALTH CHARTS - PREGNANCY CHECKED - MILK WEIGHTS DAY OF SALE - COW SALE HELD IN DOORS

POWER UNIT AND MILKING EQUIPMENT

Lister diesel SR-2 14.6 hp 1800 rpm power unit, rebuilt 4 yrs. ago; Frick Blu-Cold model V16791 bulk tank compressor with Penn Thermostat, 2 yrs. old; amp meter box with alternator; Surge model D vacuum pump; 3-55 lb. DeLaval units; 55 and 65 lb. extra pails; dbl. S.S. wash vat; Dari-Kool Fre-heater DK 11-807; misc. milk house equipment. All milkhouse equipment line driven.

MODERN HORSE DRAWN FARM MACHINERY AND RELATED ITEMS

White Horse 2 bottom 12" hydraulic automatic reset riding plow, very nice; N.H. 455 7' PTO mower with IH 4 cylinder gas power unit with clutch and hydr. pump; Nicholson UT 1 hay tedder; IH 16 rola bar rake; IH 35 rola bar rake with new rubberized teeth; N.H. 5 and 6 ton chassis with 16' flatbeds one with sideboards; N.I. 28' hay and grain elevator; N.H. 273 baler with Wisconsin twin cylinder engine and gandy applicator; Brady 7' PTO pull type multi crop pulverizer with Wisconsin 465 gas power unit, sells as one unit, engine overhauled 1989; IH No. 7 12" silo shredder filler; Pequea wheel driven manure spreader with hydr. end gate, nice; IH 56 4 row conventional corn planter, with gandy insecticide; McCormick-Deering corn binder, not complete; nice binder loader; Little Giant gravity box with N.I. rubber tire chassis; Leory 9' single roll cultipacker; Oliver 9' dbl. roll cultipacker; N.H. 404 PTO crusher; McConnell 10' drag harrow; Auto turn fore cart; fore cart; Briggs and Stratton 393 cc 10 hp power unit; Emglo twin cylinder 5 hp stationary air compressor with dbl. pulley, like new; 2-275 gal. fuel tanks one with hand pump; Pre-Agro 35 grain moisture tester; 2-60' 6" belts; K1 W1 KB 3 battery operated elec. fencer; 2-round steel big bale feeders; barn tools; Silage and feed cart; 10' and 16' hvy. pipe livestock gates; bolt bin with assorted bolts; rubber tire garden way cart; wagon load misc. farm related items. ALL MACHINERY ON STEEL.

WORK HORSES: Big matched team of Belgians; Registered 8 yr. Belgian mare blonde mane and tail, lead horse, lot of snap, 9 yr. Belgian gelding, blonde mane and tail, works anywhere; 9 yr. old bay gelding, lots of snap; 2 smooth mouth bay geldings, work anywhere; 6 breech harness, collars, bridles and harness parts; single and double trees; yokes; 3, 4 and 6 horse hitches.

FEED: Approx. 100 bale first cutting alfalfa hay; approx. 500 bale second cutting alfalfa hay; approx. 35 ton new ear corn.

HOUSEHOLD ITEMS: Grandfathers clock; childs crib; davenport; Caloric 4 burner gas stove; Maytag wringer washer; typewriter; 7 mm rifle.

SALE ORDER: Miscellaneous Farm and Household Items 9:30 a.m.; Farm Machinery 11:00 a.m.; Horses 12 noon; Cows 12:30; Milk House Equipment and Feed Sells prior to cows.

TERMS: CASH OR GOOD CHECK.

Owners,

DANIEL B. & NAOMI M. STOLTZFUS

Bryan D. Imes, Auctioneer
Complete Sale Service
Phone 717-527-2449
AU-001656-L

SALE HELD RAIN OR SHINE
LUNCH STAND

Public Auction Register

Closing Date Monday 5:00 P.M. of each week's publication

SAT FEB. 22 - 9AM, 10 Tractors, Full Line of Vegetable and Irrigation Equipment, located on Piney Hollow Rd , 2 mi. N. of Downstown, NJ, The Estate of Jino Pioppi, Sr., Col. Fred Daniel Auctioneers, Inc., Aucts.

TUES. FEB. 25 - 9AM, Late Model Tractors and Farm Machinery, Edwin Horning and Sons, Rentzel and Goodrich, Aucts.

THURS. FEB. 27 and FRI. FEB. 28 - 8:30AM, Consignment Sale - Must have lising of what you want to sell by Jan. 10, located 601 Musser School Rd., Leola, PA 17540, Elias S. Beiler, owner, Robert E. & Jeffrey R. Martin and Blaine Rentzel, Aucts.

FRI. FEB. 28, Registered and Grade Holstein Dispersal Together w/Barn Equip. and Produce, located Arkport, NY, Steuben Co., Fay and Barbara Bennett, owners, Pirrung Auctioneers, Inc., Aucts.

FRI. FEB. 28, State Graded Feeder Pig Sales at Carlisle Livestock Market, Inc., Exit 12 East off I-81, Carlisle, PA.

SAT. FEB. 29 - 8:30AM, 18th Annual Public Sale to be held at the Strasburg Fire Co., 46 W. Main St, Strasburg, PA, By the Strasburg Fire Co #1, Local Auctioneers.

SAT. FEB. 29 - 9 30AM, Lloyd Wenger Collection of 100 JD 2 Cyl. Tractors, Parts, Toys, Misc., Blaine Rentzel, Dennis Polk, Aucts.

MAR.

THURS MAR. 5 - 9AM, 16 Tractors and Big Line of Late Model JD Farm Equipment, New Freedom Rd., Medford, NJ, for Medford Stock Farms, owners, Col. Fred R. Daniel Auctioneers, Inc., Aucts.

FRI. MAR. 6 - 9AM, Farm Equipment, Shop Tools, Antiques, located along Furnace Hollow Rd., ½ mi. S. of Walnut Bottom, Cumberland Co., PA, Christ Z. Nolt and Tony Showers, owners, Andrew Martin and Nevin Martin, Auctioneers.

FRI. MAR. 6 - 1:30PM, Pigs State Graded Sale, at Westminster Livestock Auction, Westminster, MD.

SAT. MAR. 7 - 8:30AM, 28th Annual Bart Twp. Fire Co. All Day Sale, located at Rt. 896 Georgetown, PA, in the village of Georgetown, local auctioneers.

MON. MAR. 9 - 9AM, Farm Equipment, Consignments Welcome, located Lebanon Area Fairground, Leb. Co., PA, Lebanon Valley Auction Co , Inc., Aucts.

FRI. MAR. 13, State Graded Feeder Pig Sales at Carlisle Livestock Market, Inc., Exit 12 East off I-81, Carlisle, PA.

FRI. MAR. 14 - 1:30PM, Pigs State Graded Sale, at Westminster Livestock, Westminster, MD.

SAT. MAR. 21 - 8:30AM, 4th Annual Bart Twp. Fire Co. Building Material Sale, located at Rt. 896, Gerogetown, PA in the village of Georgetown, local auctioneers.

FRI. MAR. 27, State Graded Feeder Pig Sales at Carlisle Livestock Market, Inc., Exit 12 East off I-81, Carlisle, PA.

APR.

FRI. APR. 3, State Graded Feeder Pig Sales at Carlisle Livestock Market, Inc., Exit 12 East off I-81, Carlisles, PA.

SPECIAL DAIRY HERD SALE

Belleville Livestock Market

Wednesday, December 18, 1991

11:00 AM

5 Herds of Dairy Cows

From Jefferson County 50 registered and grade Guernseys, 10 registered - 13 recently fresh, 2 springing heifers - the rest in all stages - 6 open yearling heifers - 9 6 mo. - 1 yr. old heifers - several show age registered calves "nice" - A.I. bred, pregnancy checked, health charts -consigned by: Mr. Jerry Chamberlain.

From Western Pa. - 30 Holsteins in all stages of lactation.

From Virginia 3 herds of Holstein cows - 105 head total, all tie stall cows, pregnancy checked, health charts.

Note change in time 11:00 AM. From 11:00 to 1:00 we will sell cows from the Virginia herds. At 1:00 we'll sell feeder pigs then regular sale, Guernsey herd first.

For Information call:
Gene Glick
717-667-2703

Closed Christmas Week
See You January 1

PUBLIC AUCTION

ANTIQUE FARM EQUIPMENT & PARTS OF THE FORMER J.B. HOSTETTER & SONS IH & NH DEALERSHIPS

Of Mt. Joy, Pa.

SAT., DEC. 21, 1991

At 9 O'Clock

Located rear of 33 W. Main St., Mt. Joy, Pa.

Regular Farmall on steel (not running) Continental engine, other engines & parts, IH mowers/rakes/plows, MH baler parts, bins and more bins of IH and NH parts, Ontario parts, plow shares, wheels, belts, chains, tires, gears, sickle bars, lg. circular saw blades, motor parts, wooden wheels, elevator, vices, air compressor, PARTS MANUALS, advertising items, scrap iron.

This is just a partial listing of the MANY, MANY antique, new & used parts.

If you're looking for antique parts for farm equipment, don't miss this sale.

Sale by
CLARENCE HOSTETTER
Aucts. AU6171L
Raymond Miller 653-8762
Jim Hershey 665-7284

PIGS

STATE GRADED SALE

FRI., DEC. 20

1:30 P.M.

AT

WESTMINSTER

LIVESTOCK AUCTION
Westminster, MD
Phone (301) 848-9820

80+ REGISTERED & GRADE HOLSTEINS

CATTLE EXCHANGE — DAIRY CLASSICS — STONEHURST FARM

MANY MILKING 100 LBS/ DAY!

FRIDAY, DECEMBER 20 11 AM

HIGH QUALITY, HIGH PRODUCING YOUNG MILK COWS. OUTSTANDING BREEDING STOCK, HERD REPLACEMENTS, INDEX & SHOW CATTLE

*** * * SEVERAL SURPRISE GIFTS WILL BE GIVEN AWAY * * ***

The photo above represents the quality you can expect to find in this every other month sale series. This mammary system belongs to an EX-90 Mighty Chief dtr. w/5-00 2x 365D 24,710M 3.7 909F. She sells due 1/26 to Bayville Damion. Next 2 dams are VG-4% fat cows!

M I L K

MORE TREMENDOUS OFFERINGS

** A Fresh Red Inka Lass milking in high 80's. Dam has 27,750M 3.5 976F.
** Rotate Dtr. sells milking at 100 lbs./day. Dam EX-91 w/33,640M 3.9 1312F
** Warden Dtr sells fresh w/20,240 4.3 878 as 2 yr. old. Dam is VG-87.
** Outstanding young fresh cows from Sam Beiler. Lovdal Farms, Keystone Farms, Stonehurst, Galen Martin, Jim Bradshaw, Carl Slack & Many More!

Francis Secrest in NY is sending 5 springing heifers with 20,000 lb. dams & all bred to calving ease sires!

Many sell with generations of 30,000 lb. dams. A large selection of recently fresh young cows & heavy springers. Many are milking over 100 lbs./day!

Semen sells: 5 Rotate, 15 Cleitus, 15 Winken, 10 Steady & MORE!!

BE SURE TO BRING YOUR TANK
SALE TO BE HELD AT THE BEN K. STOLTZFUS FARM LOCATED ON RT. 340 JUST EAST OF INTERCOURSE. LUNCH AVAILABLE.
CATTLE WILL BE HEALTH TESTED & INOCULATED AGAINST SHIPPING FEVER!! CATALOGS AVAILABLE

Thinking about an auction or dispersal? If so, contact the Cattle Exchange. Dispersals starting at 5% & up depending on your wishes.

The CATTLE EXCHANGE
Dave Rama RD 2 Box 79 Delhi, NY 13753
Ph 607/746 2226 Fax 607/746 2911

Stonehurst Farm
1541 Lime Valley Rd
Strasburg PA
17579

LE-ANN VALLEY FARM

Night Sale

Lester W. Gehman Jr., Ephrata, Pa.
Holstein Herd Sale - All Home Raised Registered And Grades

To Be Held Friday, Dec. 20, 1991 7 P.M.

At Smoketown Quality Dairy Sales, Smoketown, Pa. Rt. 340.

D H I.A. Herd Avg 19,370- 3.8, 3.1- 733, 604, 60 Lb Avg Lester Has Decided To Reduce His Herd And Lessen His Work Load. We Were Asked To Help Pick These Cows For This Sale

#39- Reg. Steady- Born 7-17-87- 70 Lb 3.9
3-3 295 15,289 4.3 650.
Dam- Willie- 3 Records Over 21,000 To 22,525 725F
#8- Reg. Mil Nor Design- 51 Lb Est 18,800
4-3 334 20,245 637.
Dam- Standout 18,740 569.
#17- Reg. Walworth- Born 4-16-87- 3.9 68 Lb. Est 16,412
3-3 312 14,532 4 5 651.
Dam- Electron
3-0 342 14,895 4 0 560
#23- Reg. Behavior- Born 7-23- 68 Lb
2-11 365 19,900 3 7 735.
Dam- Gay 19,691-21,081.
#58- Reg. Sundancer- Born 7-3-88- 3 5 66 Lb Est. 16,313
2-2 300 16,973 3.5 588
Dam- Gay 19,691-21,081.
#27- Reg. Lannie- Born 11-11-84- 73 Lb. 3 7- Est 17,836
4-8 365 19,437 3 5 693.
5-0 291 18,793 3 5 665.
Dam- Transformer
4-7 341 21,168 3.5 748.
5-8 305 20,255 3.7 747
#35- Reg Bachelor- Born 5-8-88- 79 Lb 3 8 Est 18,800
2-3 299 19,449 3 7 718.
Dam- Samson 3-1 328 20,602 3 7 762
#49- Reg Sundancer- Born 2-26-88- 66 Lb. 3 6 Est 21,100
2-0 356 16,820 4 0 682
Dam- Albert- 3 Records Over 22,000 Up To 28,791 863
#129- Reg. Merit- Born 9-16-88- 46 Lb. 4 5- Est. 13,800
Dam- Jade 18,235 3 6 655
#54- Reg Rebel- 1st Calf- 46 Lb 3 7- Est 12,600
Dam- Pepper 327 18,825 3.9 738.
#38- Grade Oak Star- 63 Lb 3 6
3-10 343 20,174 669.
4-11 305 19,886 3 5 690
#85- Grade Tesk Born 11-14-89- Just Fresh- Avg. 50 Lb.
Dam- 321 22,329 3.4 752.
#86- Grade Golden Oak- Born 11-18-89- Just Fresh Avg. 50 Lb
Dam- 305 Est. 19,000.
#89- Grade Enhancer- Born 12-23-89- Just Fresh Avg. 50 Lbs.
Dam- 331 18,514 4.0 742.
#91- Grade Sammy- Born 1-5-90- Just Fresh- Avg. 50 Lbs.
Dam- Over 18,000.
Reg. Sir Valor Dtr. Fresh- 12-3- 75 Lbs.
1-11 16,700 4.2 700F.
With A Heifer Calf By Cleitus.
Dam- Lester Dtr. Over 1,000F.
5- Fancy Breeding Age Brown Swiss Heifers- Vacc.
5- Fresh Holstein Heifers.
One Load Of Fresh And Springing Cows- From Bedford Co.
Consigned By Dave King.
Reg. Chairman Dtr.
Dam- Chairman- V.G. 85- +V+V +VVV.
2-2 305 15,990 3.8 610 3.4 539.
3-3 330 20,390 3.9 789 3.2 653.
4-4 304 22,840 3.5 805 3.2 724.

Bull- Eligible For Registration.
Sire- Count- Born 9-15-90.
Dam- Chairman Grd. Dtr.- 3 Yr. 22,805 & 19,000.
Maternal Sister To Dam- 87 Pts. 2 Yr.- 24,000- 3 Yr. 26,000
Grd. Dam- 87 Pt. Milestone.

Reg.- Holstein Bull- Born 9-18-90- Ready For Service.
Sire- Hilltopper Warden (Elevation Grd. Son).
Dam- Chairman Dtr. V.G. 87 VVVV.
3 Records Over 20,000 To 23,650 3.7 867.
Next Dam 5 Records Over 20,000 To 23,960 3.7 858.

Consignments Welcome

We Would Like To Wish You And Your Families A Merry Christmas And A Happy New Year

Sale Managed By
SMOKETOWN QUALITY DAIRY SALES
Gordon & Helen Fritz
717-393-0930

Public Auction Register

Closing Date Monday 5:00 P.M. of each week's publication

FRI APR. 3 - 1 30PM, Pigs State Graded Sale, at Westminster Livestock Auctions, Westminster, MD

SAT APR 4 - 9AM, Antiques, Collectibles, Farm Tractors, Butcher Equip., located South of Myerstown, PA, Leb. Co., Mary Yingst, owner, Dwight D Miller, Auct

FRI. APR 10, Easter Lamb & Goat Sale, Receiving 7AM-11AM, Sale 12 30PM, Rabbits, Poultry and Fowl-9AM, Carlisle Livestock Market, Inc, Exit 12 East off I-81, Carlisle, PA.

SAT APR 11 - 9AM, Annual Farm & Contractors Equip. Auction, located 2 mi E. of Bethel, PA, Berks Co., Dwight D Miller, Auct.

FRI APR. 17 - 1 30PM, Pigs State Graded Sale, at Westminster Livestock Auction, Westminster, MD.

FRI APR. 24, State Graded Feeder Pig Sales at Carlisle Livestock Market, Inc., Exit 12 East off I-81, Carlisle, PA

MAY.

FRI. MAY 1 - 1:30PM, Pigs State Graded Sale, at Westminster Livestock Auction, Westminster, MD

SAT. MAY 2 - 9AM, Real Estate-130 Acre Farm w/Lg. Limestone House & Lg. Barn, Antiques, Collectibles, located 4 Mi S. of Myerstown, PA, Leb. Co, Mary Yingst, owner, Dwight D. Miller, Auct.

SAT MAY 9 - 9AM, Equipment, Collectibles, HH, located Lebanon Co., Harold Demmy, owner, Dwight D. Miller, Auct.

FRI. MAY 8, State Graded Feeder Pig Sale at Carlisle Livestock Market, Inc., Exit 12 East off I-81, Carlisle, PA.

FRI. MAY 15 - 1 30PM, Pigs State Graded Sale, at Westminster Livestock Auction, Westminster, MD.

SAT MAY 16 - 9AM, Farm Equipment, Collectibles, HH, located Lebanon Co., Harold Demmy (2nd Sale), owner, Dwight D. Miller, Auct

FRI MAY 22, State Graded Feeder Pig Sale at Carlisle Livestock Market, Inc., Exit 12 East off I-81, Carlisle, PA

JUN.

FRI. JUN. 5 - 1 30PM, Pigs State Graded Sale, at Westminster Livestock Auction, Westminster, MD.

FRI. JUN. 12, State Graded Feeder Pig Sale at Carlisle Livestock Market, Inc., Exit 12 East off I-81, Carlisle, PA.

FRI. JUN. 19 - 1.30PM, Pigs State Graded Sale, at Westminster Livestock Auction, Westminster, MD.

FRI. JUN. 26, State Graded Feeder Pig Sale at Carlisle Livestock Market, Inc., Exit 12 East off I-81, Carlisle, PA.

JUL.

FRI. JUL. 10, State Graded Feeder Pig Sale at Carlisle Livestock Market, Inc., Exit 12 East off I-81, Carlisle, PA.

FRI. JUL 26, State Graded Feeder Pig Sale at Carlisle Livestock Market, Inc., Exit 12 East off I-81, Carlisle, PA

AUG.

FRI. AUG. 14, State Graded Feeder Pig Sale at Carlisle Livestock Market, Inc., Exit 12 East off I-81, Carlisle, PA.

FRI. AUG. 28, State Graded Feeder Pig Sale at Carlisle Livestock Market, Inc., Exit 12 East off I-81, Carlisle, PA

SEP.

FRI. SEPT. 11, State Graded Feeder Pig Sale at Carlisle Livestock Market, Inc., Exit 12 East off I-81, Carlisle, PA.

FRI. SEPT. 25, State Graded Feeder Pig Sale at Carlisle Livestock Market, Inc., Exit 12 East off I-81, Carlisle, PA

OCT.

FRI OCT. 9, State Graded Feeder Pig Sale at Carlisle Livestock Market, Inc., Exit 12 East off I-81, Carlisle, PA

FRI OCT 23, State Graded Feeder Pig Sale at Carlisle Livestock Market, INc, Exit 12 East off I-81, Carlisle, PA

NOV.

FRI NOV. 13, State Graded Feeder Pig Sale at Carlisle Livestock Market, Inc., Exit 12 East off I-81, Carlisle, PA

FRI NOV. 27, State Graded Feeder Pig Sale at Carlisle Livestock Market, Inc., Exit 12 East off I-81, Carlisle, PA.

DEC.

FRI. DEC. 11, State Graded Feeder Pig Sale at Carlisle Livestock Market, Inc., Exit 12 East off I-81, Carlisle, PA.

THURS. DEC. 25 - 11AM, State Graded Feeder Pig Sale - Sale Receiving 6AM until 9AM (Due to Christmas) at Carlisle Livestock Market, Inc., Exit 12 East off I-81, Carlisle, PA.

NOTICE

To assure that your Public Sale appears in the Public Sale Section we must have your advertisement by 5 P.M. Tuesday of each week's publication.

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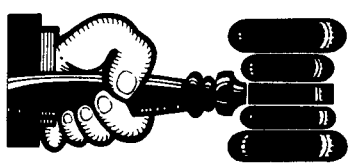

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Located 12 Miles East of Lancaster, just off Rt. 23

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FREE Hams To All Buyers

Many Good Animals To Select From.

11:00 A.M. Open Heifers, Bred Heifers & Service Age Bulls

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A Top Load Of Cows From Bradford Co. For Marvin Eshleman

Special Mention: A 3 Yr. Old Hi-De-Ho Marshfield Tony Dau. GP83 w/EX M. 2 Yrs. 349D 25,150M 4.5T 1132F 3.4 1093P Just Fresh. Dam Valiant Dau. GP81 5-03 365D 32,093 3.9 1260F 3.4P, Lifetime 116,116M 4724F. Next Dam Elevation Dau. VG85 4-0 305D 24,303 3.6 873F.

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A Dixie Lee Ivanhoe Heny ET Son Born 2-25-91. Dam Valiant Dau. VG87 VEVV PTA +410M +42F +22P +1.81T PTA $+127CY +86 +98 48R PTA% 52R 1/91 +14 +15 1/91 PPA +1621M +157F +84P 5-04 365D 33,040 4.3 1429F 3.4 1111P. Next Dam VG87 7-09 305D 26,570 4.7 1245 3.4 896P, Lifetime 107,460 4.4 4694 3 5 3726P. A Full Brother Sold To France.

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Several Reg. Animals Consigned By LeRoy Smucker

Special Mention Few Reg. Cows Including:

1) Elevation Marlin Dau. Scored GP With Great Records.

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More PB Cows With 20,000 Milk Records In Canada.

Also Many Local Fresh Cows, Springers And 1st Calf Heifers From Local Dairies.

Dale Hostetter — Load Of Wisconsin Cows

All 2nd & 3rd Calf With Good Udders.

Alfred Albright — 1 Load Of PB & Grade Cows

Most All Fresh, Several Reg. Cows With A Lot Of Milk.

Note To Consignor — All Animals For Wed. Dairy Sales Need PA Health Charts (TB And Blood Test Results) Along With Animals When They Arrive At Sale Barn Tues Your Vet Can Write Health Charts. Shipping Inoculations And Vaccination Records Make Your Animals More Sellable.

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SPECIAL CHRISTMAS SALE

FOR EVERYONE THAT BUYS A COW!

Free Christmas Dinner Starting to Serve at 10:00 A.M.

200 QUALITY HOLSTEINS 200

Thursday, December 19, 1991

At 11:00 A.M.

LOCATION: At my Maryland farm located 1/2 mile northwest of Woodsboro, Route 550 in Frederick County.

MILK — QUALITY — TYPE

200 of the finest cattle were selected for this special sale. Top Purebreds and grades from the New England States, New York and Up-State PA. Purebred cows and heifers - some classified, many with outstanding pedigrees. Grades - large, well uddered, cows and heifers with lots of dairy character. Cows milking to 100 lbs. Heifers 70-80 lbs. This is an extremely nice group of cattle. 1 Extra Special load from Up-State New York. 2 Loads of Fancy Fresh 1st and 2nd grade heifers from Canada.

Sample Of Some Selling

- An OCEAN-VIEW DIXIECRAT Dtr. due to CONDUCTOR SEXATION BAM, Dam EX CONDUCTOR 3-00 365d 32,430 - 4.3 - 1399, 2nd dam VG-89 351 days 23,120 3.6 829, 3rd dam VG-87 365 days 24,070 4.0 957
- A 2 yr. Red & White ODYSSEY MAXIMUM RED-ET Dtr. due to MERIT MAJOR RED, Dam a VALIANT Dtr. GP at 2 yrs. 19,088 3.9 738, 2nd Dam HASTINGS-TOP Barbara-Red EX-93-EEEE 4E one of the best Red Cows in country 365 days 36,633 3.7 1356. Lifetime 3358 days 231,863m 9247f
- A 3 yr. DUBRAS PROMOTION-RED Dtr. 2-04 yrs. 365 days 19,740 3.7 736 due to WEBB VIEW BOBCAT-ET-RED, Dam T THREAT Dtr. VG-87 305 days 24,000 3.4 - 811, 2nd Dam VG-86 305 days 18,680 3.6 681
- 2 HANOVER HILL JETHROS Dtrs. one due to LINCOLN
- 2 Fancy MATTADOR Dtrs. ❄ 2 WARDENS
- Fancy ASTRO JET Dtr., Dam high records - is a CITATION
- 2 STERLINGS ❄ A 2 yr. ODYSSEY-MAXIMUM RED-ET Dtr.
- A VALIANT TED Dtr. Fresh at 2 yrs. milking 65 lbs.
- 3 HANOVER HILL SPARTAN Dtrs. ❄ A 4 YR. CITATION Dtr. Fr. really milking
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- 2 Yr. Old ASTRO JET Fresh, Dam GP 292 days 15,243 - 4.2 - 644
- HANOVER HILL SABASTIAN Dtr. Fresh ❄ FLEMINGDALE ROLAND Dtr. Fresh

SERVICE AGE BULLS:

- A SOUTHWIND BELL OF BAN-LEE Son, Dam GP-83 at 2 yrs. 365d 21,105m 4.1 860f, 2nd Dam VG-87 365d 30,720 - 3.5 1076, 3rd Dam VG-88 TONY 25,000 - 3.5 test, 4th dam VG-88 over 25,000 3.8 test
- A Grade STARWARS Son, Dam over 28,000 and 1100f
- Several Good Red & White Cows ❄ Some Good Jersey Cows
- Several Good Heifer Calves
- Many more not in this ad - full pedigrees will be in Sale Catalog

Merry Christmas

DAIRYMEN: Come out Thursday morning and bring the family. A Special Chicken Dinner with all the fixins will be served starting at 10:00. Also a Free Turkey for everyone that buys a COW or CALF. An Extra special group of cattle for an extra special sale.

The Kolb Organization would like to thank everyone for their patronage throughout the past year and wish you the Merriest of Christmases and a healthy and prosperous New Year!

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Sale Managers: Tom & Mel Kolb

Auctioneer: Robert Mullendore (AU-000644-L)

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1000-16 8 Ply TT	$89.60
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14L-161 6 Ply TL	$215.00
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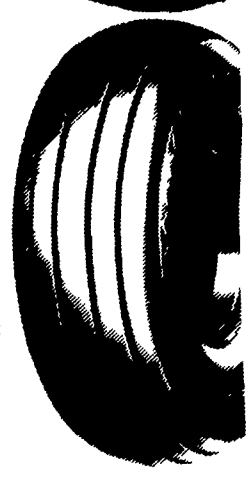

Farm Utility Wagon Tires

95L15 6 Ply TT	$46.95
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11L15 6 Ply TT	$47.95
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155-38 6 Ply	$320.00
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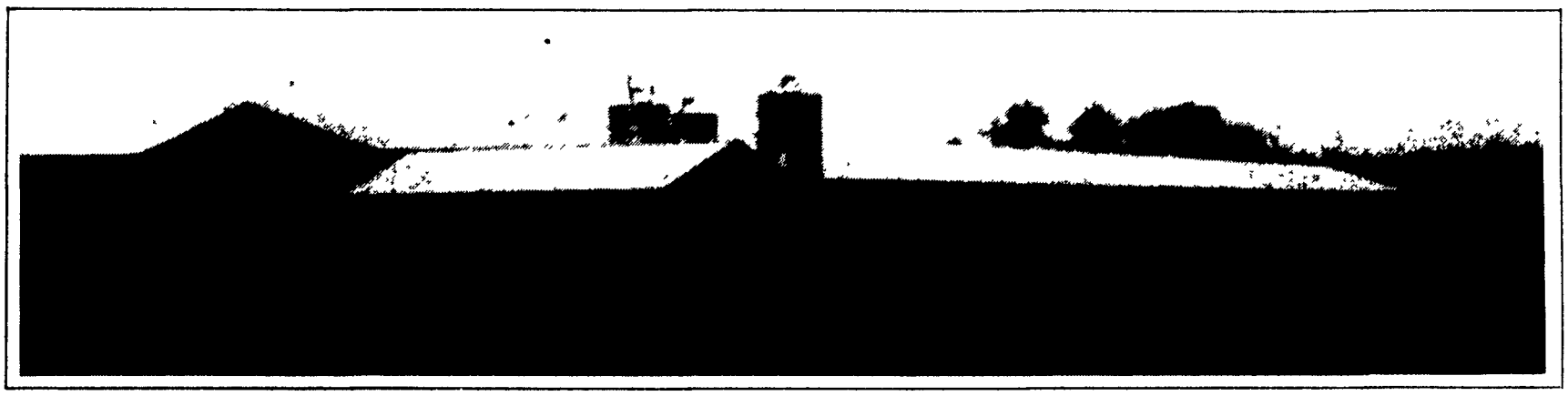

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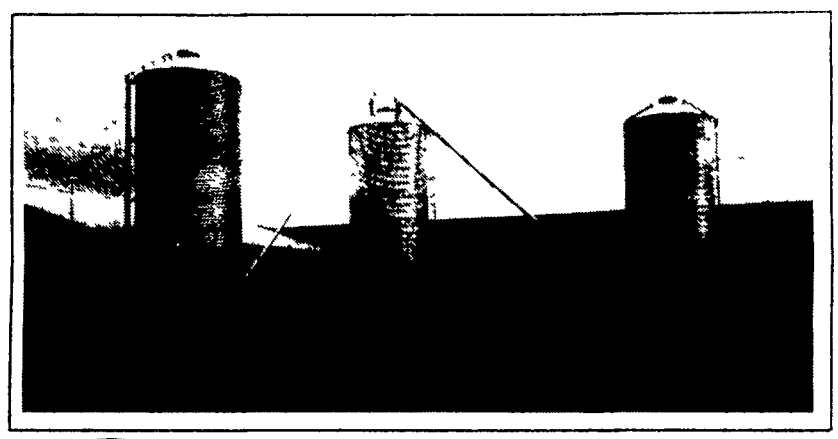

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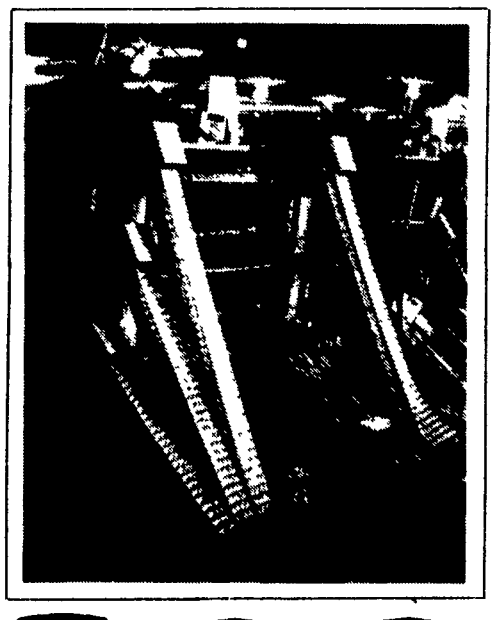

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DESIGN AND OPERATION OF THE VENTILATION SYSTEM IN POULTRY HOUSES DURING THE WINTER

William D. Weaver, Jr.
Prof. & Head
Dept. of
Poultry Science

Over the years, many articles have been written to assist growers with ventilating their poultry houses in order to maintain proper litter conditions and ammonia levels.

Many of these (mine included) have stated that the producers must maintain the proper moisture balance in the house and that "moisture allowed to enter the system must equal moisture removed from the system."

Given the water consumption of birds at different ages and growing temperatures, and allowing a certain amount for spillage, water into the system can be calculated. Then given the temperature and relative humidity of the outside (incoming) air and the size in cubic feet per minute (CFM) of the ventilation fans, winter ventilation needs can be calculated.

Unfortunately, it has been communicated to service people and growers that the above procedure can be "cookbooked." Essentially, it has been stated that so long as the grower can estimate outside temperature and relative humidity, and can determine the moisture production of the birds and evaluate litter conditions, they can ventilate in the winter time. *However, it is just not that simple!*

In addition to the above calculations, the service person and grower must know some ventilation concepts to ensure that each individual house is operated properly. In other words, after the house is set up properly, but the in-house environment is still not adequate, then what do you do?

First, prior to a discussion of the ventilation principles, the following assumptions must be made:

- Adequate ceiling (R>16) and sidewall (R>8) insulation is present.
- Desirable room temperature (from 88 to 70 degrees F during the growing cycle) can be maintained in concert with operating the ventilation fans.
- Waterer spillage and leaks are minimized.

Ventilation Principles

- Static or negative pressure: The recommended negative pressure for winter operation is 0.10" water column. In older and open houses with curtains, this is difficult if not impossible to obtain. In these cases, the house must be tightened up by eliminating cracks around doors and curtains (non-porous curtains are a necessity). Also, wiring two or more fans with the use of a relay through one recycle timer will increase static pressure.

Just remember that adequate static pressure, which is a measure of incoming air velocity, is needed to create the proper mixing of the incoming air with the air in the house. If static pressure is much below .04" in the warmer months and .08" in the colder months (it must be higher in the winter because of the smaller volume and the colder, heavier air) proper mixing will not take place.

- Throw: By definition, "throw" is the distance an air jet travels before its speed or velocity reaches a minimum of 50 feet per minute (fpm). Practically, however, when entering from each side of the house, the air jets must reach the center of the house before their minimum speeds reach 50 fpm.

How can the service person and the grower affect throw? First, as discussed previously, inlet velocity (or static pressure) can be increased. Secondly, the width of the inlet can be increased. However, in order to maintain the same total area of inlet opening, when the width is increased, the length must be decreased accordingly. Hence, the reason for the block shaped air inlets used in poultry houses today.

Furthermore, the influence of inlet shape on throw is the reason that continuous curtains make very poor air inlets, especially during the colder months when low volumes of air are required. Many producers have found that block openings constructed above the curtain, normally 4' long and 6" wide and 16' o.c., provide a block-shaped air inlet jet that increases throw for winter ventilation.

- Air direction: It is essential that air enter the house high in the sidewall during the colder months and travel across the ceiling. This allows it to mix with the warmer air in the house before reaching the floor. If the ceiling is smooth the air should be allowed to flow directly across this surface (impinging of the air jet) as it will increase throw at the same inlet velocity by approximately 25 percent.

The surest method to determine air direction is to set the house up for a minimum (wintertime) ventilation situation. Then with the use of smoke, observe the air direction from the inlets. Many times the air direction from inlets will be down and will reach the floor 4 to 6 feet from the sidewall. Then the grower wonders why the floor is wet in this area and the birds are coughing!

In-House Circulation

No matter how well designed and operated, it is difficult to have the negative pressure ventilation system create adequate mixing under very low volume (wintertime) situations. Therefore, over the last several years, we have evaluated the effectiveness of several types and arrangements of in-house circulating fans. When operated in a manner that does not cause a draft on the birds, these fans can aid with mixing during the colder months.

Summary

The grower's best tools when setting up and operating the ventilation system during the colder months are his eyes and nose. Once the producer has his waterers adjusted properly, and his air inlets set to provide fresh air at the proper speed and direction, he must determine the correct recycle timer setting(s).

If the litter is becoming sticky

(Turn to Page C3)

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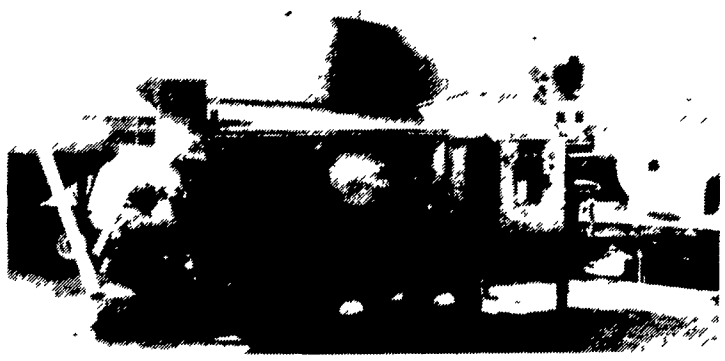
ON YOUR FARM



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For Maximum Feeding Value

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- Improved Total Digestable Nutriants
- Ultimate rich peanutty flavor and aroma
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- **Speed choices for all conditions.** The standard synchropower transmission offers 24 forward and 12 reverse speeds An optional power Hi-Lo transmission boosts that to 36 speeds both forward and reverse Both 8600 Series models are AWD with planetary final drive, and a self-adjusting, hydraulically-actuated clutch.
- **The air- and oil-cooled engine advantage.** The 8600 Series tractors feature the high-output, 6-cylinder, air- and oil-cooled diesel engine that eliminates components that cause downtime in liquid-cooled engines The 8610 model has a 103 PTO hp engine with a 22% torque rise and the 8630 model has a 120 PTO hp turbocharged engine with a 30% torque rise.
- **PTO power and versatility.** The independent PTO operates at 540/1,000 rpm with 6- and 21-spline shafts and an electrohydraulically-actuated wet PTO clutch The 3-point hitch comes standard with telescopic stabilizers: Category II/I on the 8610; Category III/II on the 8630. Optional telescopic lower links are available
- **Quality performance features.** The 8600 Series tractors ride on premium Goodyear radial tires. They have hydrostatic steering, a tilt-telescope steering wheel and hydraulically-actuated wet disc brakes on all four wheels for 40% better braking. These models also have electrohydraulically-actuated rear and front differential locks that an operator can manually disengage for tighter turns.

To learn about all the quality features of the 8600 Series tractors, or any of the "orange" line of AGCO Allis tractors ranging from 40 to 128 PTO hp, stop by or call us soon.

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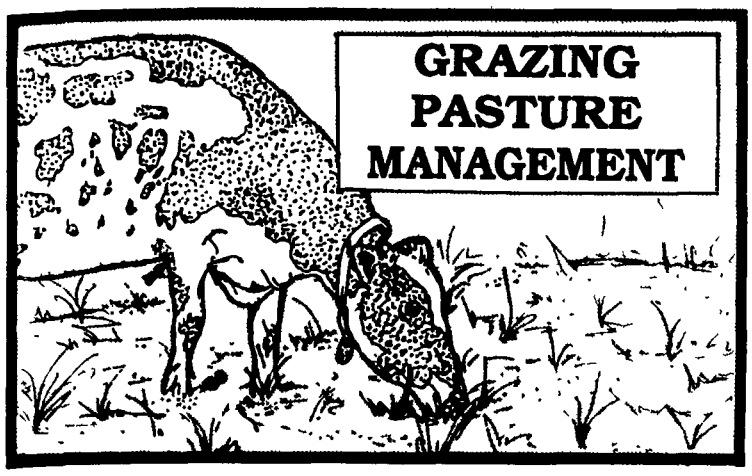


Forage Losses = Economic Losses, So Minimize Them

DENNIS R. BUCKMASTER, Assistant Professor, Agricultural Engineering

Do you equate shattered leaves, hay baled too wet, silos in poor condition, or rain damaged hay to reduced profit? You should!

The economic value of alfalfa losses — which is not so small — increases from cutting to feeding. Knowing the value of losses does not improve profits; however, realizing their magnitude should encourage you to be **more conscientious** when harvesting, storing, and feeding the largest portion of ruminant animals' diets.

Types Of Forage Losses

Forage losses can be categorized as either harvest, storage or feeding losses. Harvest losses are either environmentally-induced (respiration and rain damage) or machine-induced (e.g., raking, baling, chopping). Many losses are visible such as leaf shatter during raking; however, the invisible losses due to respiration and microbial activity also occur and eat away profits. In addition, most forage losses are the most nutritious (highly digestible or protein) components of the plant. Because of this, **nearly all losses** not only reduce the amount available for animal consumption, but also **reduce the quality of the feed.** It is the combination of reduced quantity and reduced quailty which contributes to the economic loss.

Factors Affecting Forage Losses

Each type of forage loss can have different factors which determine its magnitude and economic value. Rain damage is often out of your control; however, many times harvest sequencing can be adjusted based on the weather forecast. Some producers cut forage based on date only, with no regard for weather forecasts while others base all decisions on weather forecasts.

Perhaps a balance between both approaches is best. As such, beginning harvest with a slight or moderate chance of rain is very reasonable— especially since delayed cutting may increase maturity at harvest (thus lowering feed quality) and perhaps result in a missed cutting later in the year. Rain loss (consisting of both leaf shatter and leaching) can vary from 5 to 40 percent depending upon rain amount, rainfall intensity, and forage quality at the time of rain occurence. Obviously rain increases curing time; as a result, loss is increased due to the increased respiration.

Mowing-conditioning induces a loss of about 2 percent, most of which is leaves. Losses during other harvest operations such as raking, baling and chopping depend on the moisture content at the time of the operation as well as other factors.

The delay of a harvest operation can affect the amount of material removed from the field.

With respect to harvest losses, wetter forage results in lower loss; however, wetter forage results in larger storage losses. For best overall dry matter and nutrient recovery, **alfalfa should be chopped for silage at nearly 65 percent moisture, raked when near 40 percent moisture, baled near 18 percent moisture.**

Loss of dry matter during indoor hay storage depends on the moisture content of the hay as baled. Storage losses are 100 percent digestible plant material, thus the loss decreases the alfalfa quality as well (See Penn State fact sheet PM-102 for more detail concerning hay storage losses).

Loss of dry matter and deterioration of quality during outdoor storage of hay is much higher and **nearly always warrants either plastic covering or a shed designated for hay storage.**

Loss during silage storage typically ranges from 8 to 20 percent and depends on the type and condition of the structure, moisture content of the silage, duration of storage and several other factors. Generally, larger silos result in less loss because of better packing and less surface area per ton of material stored. Contrary to some opinions, properly-managed bunker silos do not have larger storage loss than comparably sized tower silos.

The key is proper management; **bunker silos should be packed well and covered.** Condition of tower silos ("sealed" or not sealed) is important. As oxygen penetrates through the silo walls, respiration occurs, using up precious silage nutrients and dry matter. Maintaining silos with tight-fitting doors and a good sealant will not only reduce losses, but will also increase the useful life of the structure.

Feeding loss can be reduced with "smart" feeding practices and a properly designed feed bunk. Have you looked at the floor or ground near your feed bunk or feeding stations to see if any feed is wasted? You may be surprised to see how much feed is being used as a walking cushion.

Economic Value of Forage Losses

Forage losses are costly. For example, for every ton of alfalfa hay dry matter fed, approximately $4.50 worth of nutrients were lost due to the baling operation alone.

Not all losses can be eliminated; however, if they could be, the increase in net return for a 100-cow dairy farm would be nearly $12,000 per year! This could be interpreted to mean that a 10 percent reduction in alfalfa losses (over all loss types), increases net return by $1,200 per year. A 10 percent reduction in losses is not unreasonable and a 25 percent to 50 percent reduction could be possible with modified machinery and improved storage conditions.

Pointers For Reducing Forage Losses

- Maintain forage machinery in proper adjustment.
- Mow when there is little chance of rain, but be willing to take risks so as to avoid overmature forage and missed cuttings.
- Lay the alfalfa in as wide a swath as possible — take advantage of the free solar energy.
- Rake when the moisture content is near 40 percent, rake as few times as possible, and rake as slow as is feasible.
- Bale when the moisture content is near 18 percent moisture.
- Chop when the moisture content is near 65 percent for concrete tower silos, 70 peercent for bunker silos, and 55 percent for steel tower silos.
- Store round bales inside or under a cover and off the ground.
- Maintain silos in good condition.
- Pack bunker silos well and cover them.
- Fill silos quickly.
- Use properly designed feed bunks and do not overfill them.

Poultry Pointers

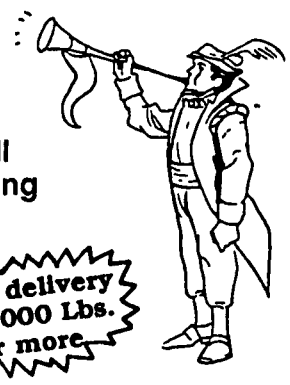
(Continued from Page C2)

and caked, then more time is required; or if it is dusty, possibly the fans are operating for longer periods than is necessary.

Normally, people start to detect ammonia at 20 to 25 ppm. If the ammonia smell is strong, 50 parts or more could be present. At any rate, more ventilation time is required.

Some companies supply their service personnel with ammonia testing kits to help the grower keep his nose "zeroed in" on the level that constitutes a problem. After properly adjusting the waterers and properly designing the ventilation system, the grower must then use his eyes and nose to maintain desirable litter conditions and ammonia levels.

END OF YEAR SALE



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10 MIL 6,000 FT.

1 to 5 rolls	$118.00	Reg. Low
6 to 31	$112.50	$125.00
32 & over	$108.00	

8 MIL 7,500 FT.

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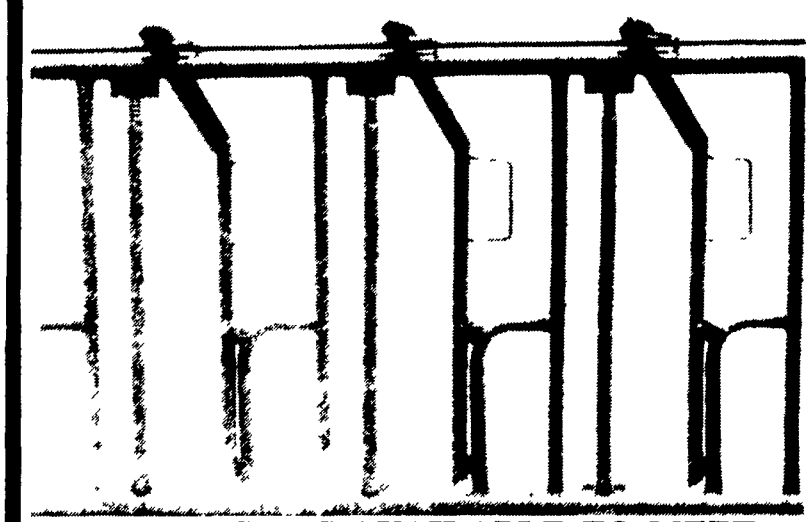

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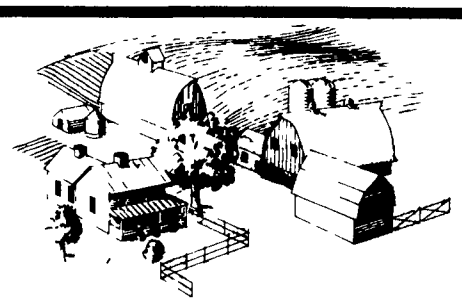


FARM MANAGEMENT

TAX GUIDES AND ESTATE PLANNING

Alan W. Strock
Extension Agent
Farm Management

With the Thanksgiving season just behind us and year's end fast approaching, many people are beginning to think about IRS and that dreaded season — tax season.

Many families and individuals are operating or considering starting an "enterprise," but are not sure if IRS would consider it a hobby or a business.

This article will give insights into how IRS views your "business" and offer ways to enhance the businesslike operation of your enterprise.

Your *motive* is important, *but all* factors relating to your farm or business are taken into account! Consequently, IRS uses the following 10 tests to determine if your venture, such as a horse farm, is a business or a hobby.

No *one* factor or group of factors is decisive. Of course, a farmer who operates a farm for profit may deduct all ordinary and necessary expenses in carrying on the business of farming.

Ten tests

1. How do you carry out the farm or other business/activity?

Is it in a business-like manner?

Are cost saving measures used, or at least tried?

Are products or services marketed according to a plan?

Do you have a written business plan?

Is a profit motive evident is most business dealings?

2. Does the time and effort you expend indicate a profit motive, or is it for relaxation?

Is enough time and effort spent to manage the operation in a profitable way? Keep a rough log of the time spent managing the operation. You will be glad you did if you're audited.

3. Does your financial status force you to depend on operations income to survive?

Does your livelihood depend on income from the business?

4. What is the status of your losses?

Are they due to circumstances beyond your control?

Are they normal to start-up phase of a farm or other business?

5. Are operating methods changed to improve profitability?

Are losses just accepted as part of the business?

Are strides being made to improve profitability and efficiency?

6. What is your history of income and loss?

How big are the occasional profits and how big are the losses?

If a profit is shown in 3 of the last 5 years, then the farm or other activity is presumed by the IRS to be carried on for a profit. There is no limit how small these profits may be. Activities that consist primarily of breeding, training, showing, or racing horses are presumed to be carried on for profit if they produced a profit in 2 of the last 7 tax years.

7. What expertise do you and your advisors possess?

Do you or your advisors have enough knowledge to make the business financially successful?

Do you or your advisors have a working knowledge of most aspects of the venture?

Do you frequently attend meetings to update your skills?

8. What success, measured by profits and losses, have you had in similar part-time ventures?

Have you had other part-time activities that never showed a profit?

9. What is your motive behind the operation?: personal pleasure, recreation, or financial gain?

10. Will assets appreciate in value?

Farmland and real estate partnerships usually appreciate in value, so IRS eventually will get tax dollars when the asset is sold.

Loss Deductibility

If the enterprise is considered a hobby, then expenses can only be deducted to the extent of income reported. In other words, if the hobby grossed $1,500.00 and the taxpayer had $2,300.00 in expenses, only $1,500.00 of the $2,300.00 in expenses would be allowed as itemizable expenses on schedule B of the 1040.

The $1,500 of $2,300 deductions would be allowed in the following order:

1.) Category One: Business expense deductions that can be taken as personal itemized deductions may be taken in full! Examples include mortgage interest, real estate taxes, and casualty losses.

2.) Category Two: Business expense deductions that do not result in an adjustment to the tax basis of property. These are limited as to the amount of deductions, which, when added to category one expenses, can't exceed gross income. Operating business deductions include feed, seed, fertilizer, insurance, utilities, wages, advertising, trucking, etc.

3.) Category Three: Business deductions that decrease the tax basis of property. These are limited as to the amount of deductions, which, when combined with category one and two expenses, can't exceed gross income. Examples include depreciation and amortization expenses on machinery, equipment, and real estate improvements.

Category 2 and 3 losses are deductible subject to the 2 percent of the Adjusted Gross Income (AGI) rule, along with union dues, professional dues, office-in-home, expenses related to investment income, tax preparation fees, and Form 2106-Employee Business Expenses.

Be Careful

If deductions are sizable, you are definitely at greater risk of getting audited. Remember, if you fail the 3 (or 2 for horses) years of profit test (see Test 6), you may still be considered to operate your farm or other activity for a profit by considering the other nine factors.

So be careful and consult with your accountant before you plan on taking large tax deductions from your "business." For more information on not-for-profit activities, see Chapter 1 of IRS Publication 535, "Deducting Business Expenses."

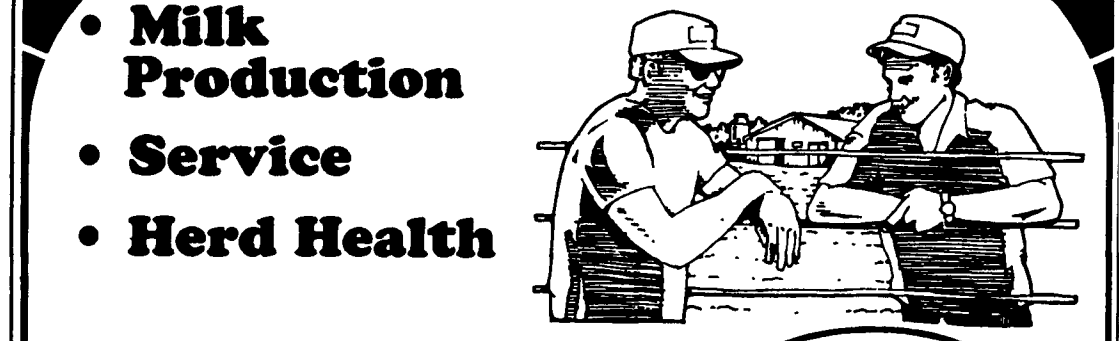
Final Recommendations

Attach to the hobby loss return the disclosure statement specified in the substantial understatement rules. (See your accountant).

Operate the business in a professional, businesslike manner. Make decisions based on economic facts. Regularly update your management skills. Regularly complete financial documents such as an inventory sheet, balance sheet, and profit and loss statement. Market products to take advantage of top prices.

Keep a log of your time spent working in the activity. Manage all expenses, but especially year-end expenses to show a profit 3 of every 5 years, even if a very small profit. Finally keep good tax, production, and financial records on the activity. For more information, call your local IRS or cooperative extension office.

MILK AMERICA'S HEALTH KICK



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Monthly Report

BREED CODES:

1 Ayrshire
2 Guernsey
3 Holstein
4 Jersey
5 Brown Swiss
8 More Than One Breed
G Grade
B Grade and Registered

September, 1991
Rolling Herd Average

Name	Brd.	No. Cows	% Days In Milk	Milk Lbs.	Fat Lbs.	Protein Lbs.
Raymon & Marlin Getz	3	57.0	86.4	23,723	904	763
Arnold Acres	3	58.0	89.4	23,399	870	762
Ferndale Farms	3	68.1	87.8	23,297	791	758
Meadow Spring Holstn	B3	88.0	89.9	23,302	782	752
Richard Batz	3	44.3	89.1	23,320	713	749
Dale Good	B3	93.9	88.7	23,236	859	743
Curvin+Jay Good	B3	89.2	86.6	23,840	845	740
Richard+Linda Krall	B3	38.5	86.9	23,539	818	737
Gary Lentz	3	81.2	86.9	22,470	810	730
Irvin Z Brubaker	G3	53.1	85.4	23,045	829	713
Willow Maple Farm	3	44.8	89.1	22,785	896	711
Bruce R Heilinger	B3	17.2	83.8	22,490	760	710
Arthur R Krall & Son	3	71.5	87.8	22,079	797	704
Dale L Hoover	3	73.2	89.4	22,102	764	702
Kirby L Horst	3	46.4	87.1	22,415	856	699
David Eugene Reiff	3	55.8	88.0	21,703	740	697
Reuben O Martin	3	77.7	86.9	22,267	823	695
Louis E Martin	G3	44.9	86.4	22,222	747	695
Raymond K Martin	B3	50.3	86.9	22,361	809	690
Hoover Farms	3	112.8	88.3	21,865	806	688
Thomas+Shirley Krall	G3	77.7	90.2	21,161	738	687
Luke Brubaker	B3	53.4	84.9	21,646	697	685
Ramona Holsteins	3	69.4	86.2	21,475	792	680
Roy M Oberholtzer	B3	53.5	89.4	21,027	742	676
Vincent A Wagner	3	60.1	85.1	21,134	803	676
Ernest Hostetter	B3	83.7	86.1	21,948	807	676
Allen H Leinbach	3	38.1	86.6	21,197	776	671
Hershey Bare	3	92.2	86 6	20,578	721	666
David Brandt	3	102.2	90.4	21,197	814	665
Earl+Marilyn Smith	3	85.2	89.6	20,787	696	665
Mark C Patches	B3	106.9	86.1	22,634	781	664
Kenneth Mase	B3	91.8	88.7	20,243	736	663
Jeff + Karen Zuck	B3	56.8	86.5	21,460	782	660
Dale Hostetter & Sons	3	97.5	86.9	21,246	815	660
Leon M Burkholder	B3	49.8	91.5	20,931	826	658
Wernerway Farms	B3	135.4	90.1	21,286	745	656
Bruce R Heilinger	5	30.2	83.4	18,809	733	655
Ezra H Martin	B3	52.6	88.7	20,624	734	655
Marlin D Heisey	B3	51.2	82.9	20,584	762	654
Marvin K Meyer & Sons	B3	122.6	89.9	20,493	776	654
Robert L Martin	B3	68.6	90.1	20,701	785	651
James S Martin	B3	53.4	81.1	20,401	688	646
Ken-Joda Farm	B3	56.0	85.2	20,815	745	645
Miste Hollow Holstn	B3	84.2	88.0	20,683	672	642
Little Hill Farm	3	52.9	86.6	20,575	786	642
DGK-Holsteins	3	49.9	85.9	21,082	749	641
Gene+Kathleen Martin	B3	83.1	88.4	19,893	708	637
David + Kathy Smith	G3	44.2	85.5	20,477	727	635
Neal W Sensenig	B3	57.4	86.6	19,773	701	634
Weaverline Holsteins	B3	81.6	84.7	19,989	733	633
Harvey T Bomgardner	3	100.8	88.1	19,699	727	632
Udder Valley Farm	B3	79.0	89.6	19,098	741	631
David Kline	B3	74.0	85.1	19,561	714	630
David E Zimmerman	G3	48.4	85.3	20,327	760	624
Kenneth I Sellers	3	68.5	84.5	19,356	751	623
Donald G Hoffer	3	43.7	86.8	20,436	712	622
Wesley D Martin	B3	40.6	88.7	19,949	750	622
Bucher Brothers	B3	40.2	83.0	20,198	703	618
Philhaven Farm	3	100.9	90.0	19,258	730	618
Ernest Wagner	3	41.1	87.6	19,493	712	612
Twin-Maple Farm	B3	65.4	85.6	19,392	657	612
Samuel Geesaman	B3	52.5	87.8	19,078	665	611
Leon H Kline	B3	76.7	88.7	19,599	736	609
James & Pamela Berry	B3	61.6	90.5	18,366	625	609
Clifford Good	G3	74.7	87.8	19,369	652	608
Joe Meily	3	72.0	86.3	19,923	670	605
Mervin W Horst	3	68.4	87.0	19,415	771	605
Richard&Ronald Shirk	3	70.7	85.1	18,948	675	605
Dale E Maulfair	B3	35.3	84.4	19,712	661	604
Bryn+Dale Himmelbergr	B3	40.8	84.9	19,529	685	604
Phares Z Musser	3	95.2	88.0	19,678	742	604
David+Chris Williams	B3	62.6	84.3	19,226	712	603
Alvin & Marian Martin	B3	67.5	84.6	19,145	680	601
Walter K Heisey	B3	58.0	86.4	19,518	709	600
John Brubaker	G3	59.5	86.4	18,663	729	598
Sonnen Springs Farm	3	51.5	82.6	18,366	680	596
Galen Bollinger	B3	126.7	89.5	18,734	700	596
Walter M Martin	G3	52.6	85.2	19,009	701	594
Ernest P Detweiler	G3	49.1	87.7	19,123	679	594
Dennis Wampler	3	96.2	84.5	18,662	677	594
White Birch Farm	B3	64.9	87.8	18,319	648	592
Meadow-Wood Farm	B3	197.7	87.7	18,617	698	590
Lynn W Moyer	B3	61.6	89.7	18,807	705	590
Elson Hostetter	3	52.5	87.5	19,374	686	587
Gary Lee Mase	5	42.8	81.0	16,607	656	586
Mark Copenhaver	B3	81.4	88.7	18,845	683	585
Lynwood Heagy	B3	91.6	87.6	19,070	674	582
Dpaul+Pattica Miller	B3	60.6	79.6	17,963	614	580
Moses O Martin	B3	72.2	88.0	18,189	670	578
Alvin L Stoltzfus	B3	51.9	85.4	18,297	674	577
Little-Hill Farm	5	9.5	84.2	17,745	688	576
Clifford+Fay Berger	3	56.5	88.8	18,332	623	574
Blue Mt View Farms	B3	65.0	90.1	18,639	660	573
Bruce R Heilinger	2	4.8	88.7	16,226	766	572
Gary Mase	B3	16.5	80.6	17,632	647	567
Twin-Gro Holsteins	3	62.4	86.0	18,359	662	565
Sonnen Acres	3	86.5	89.7	17,643	619	564
Eugene L Weiler	B3	86.9	87.0	18,004	630	564
J Richard Bomberger	B3	84 2	85.9	17,873	680	562

MONTOUR CO. DHIA
October 1991
Rolling Herd Average

Name	Breed	No. Cows	% Days In Milk	Milk Lbs.	Fat Lbs.	Protein Lbs.
Carl R Slater & Son	3	35.6	89.1	25,619	858	809
Daryl + Nancy Landis	B3	74.7	87.1	20,524	752	671
Ed & Maryann Baker	B3	72.9	89.9	19,872	727	652
William A Vegh	5	10.2	90.6	18,729	733	643
Mar-Ja Farm	3	150.0	90.9	18,225	747	633
Keith T Fletcher	B3	39.0	91.5	19,154	655	620
William A Vegh	B3	17.5	86.0	18,381	663	587
Randy + Pat Kitchen	B3	53.4	89.6	17,883	682	581
David Appleman & Son	B3	27.5	86.3	18,312	693	579

Clearfield County DHIA
September, 1991
Rolling Herd Average

Name	Brd.	No. Cows	% Days In Milk	Milk Lbs.	Fat Lbs.	Protein Lbs.
R Wriglesworth & Son	B3	56.7	89.2	21,278	774	659
Orner Farms Inc	B3	73.7	87.5	21,436	771	655
Carl G Brink + Sons	B3	73.0	88.0	20,659	728	645
Hicks Dairy Farm	B3	70.0	90.8	19,363	725	643
Ecklund Holsteins	B3	51.0	87 8	19,022	666	585
Priselac Dairy Farm	G3	81.1	84.8	17,718	621	562

Crop Residue Requirements Is Topic

EBENSBURG (Cambria Co.) — About 75 percent of farm conservation plans call for some form of crop residue management in highly erodible areas. So grain producers need to become fully aware of what is required if they are to meet the deadline for having their conservation compliance plans fully operational by December 31, 1994. Meeting this deadline insures continued eligibility for participation in federal farm programs.

An explanation of what is required constitutes the keynote address at this year's Mid-Atlantic Conservation Tillage Conference. The speaker will be David L. Schertz, national agronomist for the Soil Conservation Service, U.S. Department of Agriculture, Washington, D.C.

Schertz's topic is "The Crop Residue Management Challenge — Its Role for American Agriculture in the 1990s."

The annual daylong event is scheduled December 18 in the Ramada Inn and Convention Center at Hagerstown, Md., from 8 a.m. to 3 p.m. Nearly 500 crop farmers and agribusiness representatives from Delaware, Maryland, New Jersey, Pennsylvania, Virginia, and West Virginia are expected to attend.

As in 17 past years, the conference is sponsored by the cooperative extension service at land-grant universities in the six participating states, with assistance from interested agribusiness representatives. About 30 commercial and educational exhibits are expected.

In addition to the crop residue topic, there will be presentations on avoiding soil compaction, overcoming pesticide-resistant weeds, establishing no-till forages, and assessing the long-term benefits of conservation tillage.

A "Food Safety-Food Risk" video production by the Ohio State Cooperative Extension Service will discuss the issue of food quality in America. Commercial exhibitors at the conference have been invited to report on "What's New" in products, services, and technological advances in their firms.

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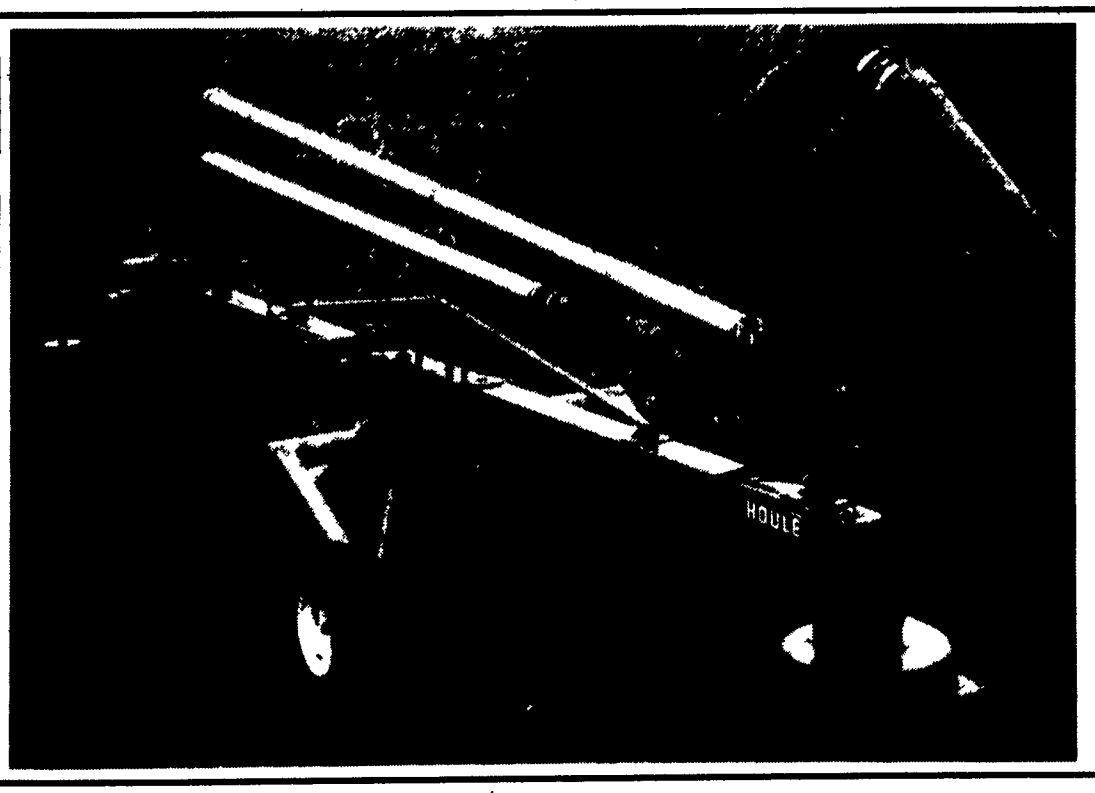

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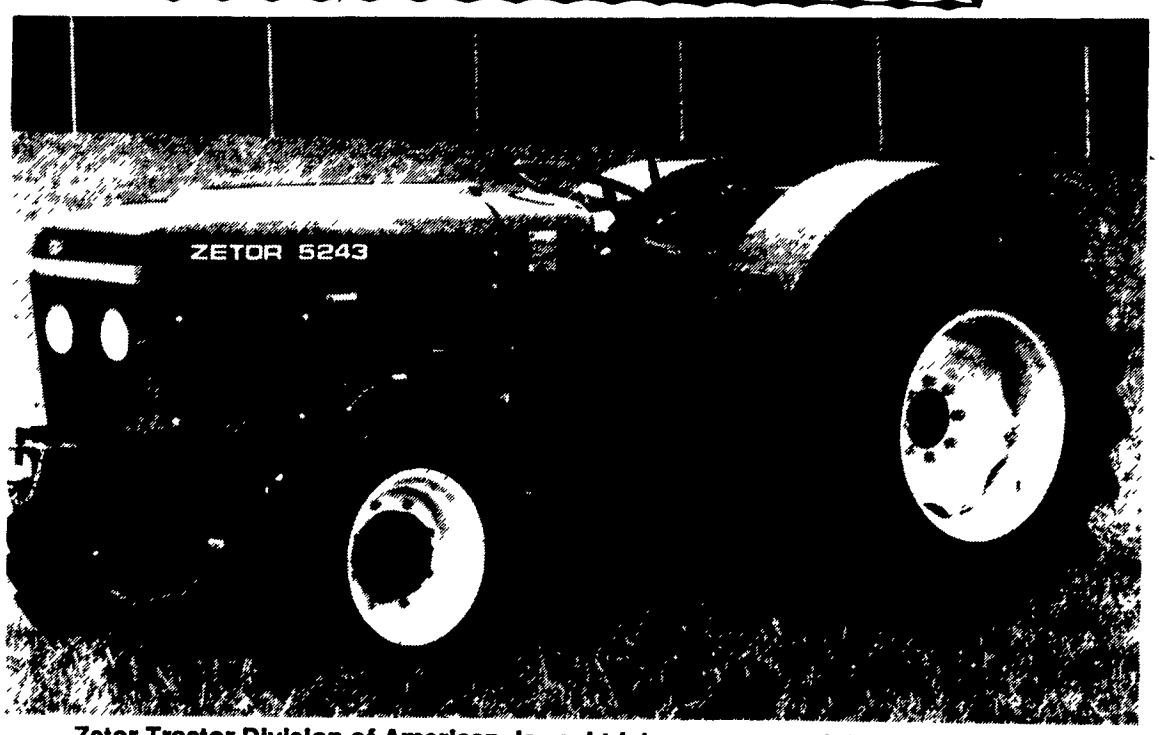
Business News



Zetor Tractor Division of American Jawa, Ltd. has announced the introduction of two new utility tractors: model 5213 with 2-wheel drive and 5243 with 4-wheel drive.

Zetor Introduces New Tractor

PAXTONIA (Dauphin Co.)— Zetor Tractor Division of American Jawa, Ltd. has announced the introduction of two new utility tractors: model 5213 with 2-wheel drive and 5243 with 4-wheel drive.

The 42.51 PTO HP tractors were originally designed for work in orchards and vineyards. Their compact size and high power-to-weight ratio, however, make them ideal utility tractors, providing the versatility needed by weekend farmers and the dependability needed by poultrymen.

Built with Zetor's standard cast iron chassis and advanced European engineering, these tractors have a 3-cylinder, 165 cu. in. water-cooled diesel engine. Easy maintenance features include a permanent oil filter and replacement parts that are available from any Zetor dealer within 24 hours. Hydrostatic power steering is standard.

These powerful, compact utility tractors are low to the ground (52.36/54.33 inches without cab) and narrow (52.75/51.10 inches for a 38.66 wheel track). Each one comes complete with Zetor's international reputation for durability and solid value. Cabs are expected to be available for both models early in 1992.

For more information, contact your nearest Zetor dealer or call Marvin Brown, Zetor's General Manager, at (717) 540-5618.

Rohrer Is Area Manager

Dwight Rohrer

MANHEIM (Lancaster Co.) — Agri-King recently named Dwight Rohrer area manager of Lancaster County.

Rohrer received an associates degree in agri-production and had been a self-employed farmer for more than two years. He was previously employed with Brubaker's Agronomic Consulting Service as an ag consultant.

Agri-King tests feedstuffs and formulates rations for livestock producers in 27 states. The 23-year-old livestock nutrition company serves customers from Nebraska to New York with Agri-King's home office located in Fulton, Ill.

Agri-King Names Hart

Michael Hart

CARLISLE (Cumberland Co.) — Agri-King recently named Michael Hart area manager of Lancaster County.

Hart received his associates degree in animal science from New York State University. He has more than 10 years of experience in the livestock industry, including experience as an appraiser and evaluator of livestock.

Agri-King tests feedstuffs and formulates rations for livestock producers in 27 states. The 23-year-old livestock nutrition company serves customers from Nebraska to New York with Agri-King's home office located in Fulton, Ill.

Cargill Increases Rural Scholarships

MINNEAPOLIS, Minn. — The Cargill Foundation again will sponsor $1,000 scholarships for high school seniors from U.S. farm families, increasing the number from 200 to 250.

"The program has been so favorably accepted throughout the rural community that we decided to expand it this year. It's a good place to put Cargill Foundation money," said Barney Saunders, president of the Cargill Foundation.

The Cargill Scholarship Program for Rural America is open to all high school seniors who graduate next spring and come from families that derive at least half their income from farming. Candidates must enroll full-time next fall at an accredited two- or four-year college, university or vocational-technical school.

The program was established in 1986 to recognize and encourage the academic achievements, accomplishments and talents of rural youth. Thus far, the Cargill Foundation has made 1,000 awards for a total of $1 million.

Selection for the scholarships is handled by the National Future Farmers of America organization, although applicants need not be FFA members.

"The FFA has a long history of administering scholarship programs for many agriculturally based companies. In addition, because it is a national organization that is part of the educational program in many rural high schools, it is ideally suited to administer the program," said Gladys Tripp of Cargill Community Relations. The National FFA Foundation will manage the selection process, which is based on academic record, leadership, extracurricular accomplishments, and financial need.

Information and application forms can be obtained at any Cargill office or high school FFA department. Students also can request forms from the Cargill Scholarship Coordinator, National FFA, P.O. Box 5117, Madison, WI 53705-0117. Application deadline is March 2, 1992.

Wenger Receives Founder's Award

LANCASTER (Lancaster Co.) — Agri-King Area Manager Larry Wenger, Lancaster, recently was the recipient of the coveted Founder's Award presented by Del Curley, founder and chairman of the board.

Wenger was the no. 1 Silo-King sales and serviceman in 1991 and assisted training and service sessions throughout the company.

"Without a doubt, Larry has made an impact in our constant effort to help our customers harvest better forages," Curley said.

Wenger has been with Agri-King since 1984, and has been a member of its prestigious President's Club for the last five years. Wenger also has earned the Golden Eagle award three of the past four years.

The Founder's Award is an expression of sincere appreciation from Agri-King. The recipients are chosen by the board of directors for outstanding performance, achievement, or leadership. All Agri-King employees are eligible.

Larry Wenger

Farmer Board Invests Soybean Checkoff Money

ST. LOUIS, Mo.— The nation's soybean farmers will triple their investment in soybean promotion and research under a budget advanced recently by the United Soybean Board (USB).

"Farmers in the US have lost our competitive edge and market share," said USB Chairperson Sander Ludeman, a farmer from Tracy, Minn. "The aggressive push made possible by the soybean promotion and research checkoff will help us get it back, SPARC puts new muscle into soybean promotion and research."

Under the USB budget, soybean farmers are putting nearly six million dollars into international soybean promotion efforts this year. The efforts being funded include export expansion projects like the new US soybean promotion office open in Moscow, opening a new office in Cyprus to seize opportunities in the developing nations of North Africa and the Middle East, and expanding US soybean promotion projects in about 80 countries around the world.

"The $5.8 million USB investment in international soybean promotion generates $19.6 million in federal government matching funds, making farmer dollars go much further," said Ludeman.

The board directed another $2.75 millin into soybean promotion and consumer information projects in this country. The budget includes programs to build US consumer loyalty to food products made with soyoil. In addition, the USB budget funds efforts to replace petroleum inks with soy ink in newspapers, packaging and other printed material.

Meanwhile, said Ludeman, soybean research got a $5 million shot in the arm. "Nearly half the total research allocation goes directly into science to develop new uses for our miracle crop," said Ludeman. "Qualified researchers at various state universities will put their expertise into making new products, like glues, fuels, and plastics out of the soybeans grown by US farmers."

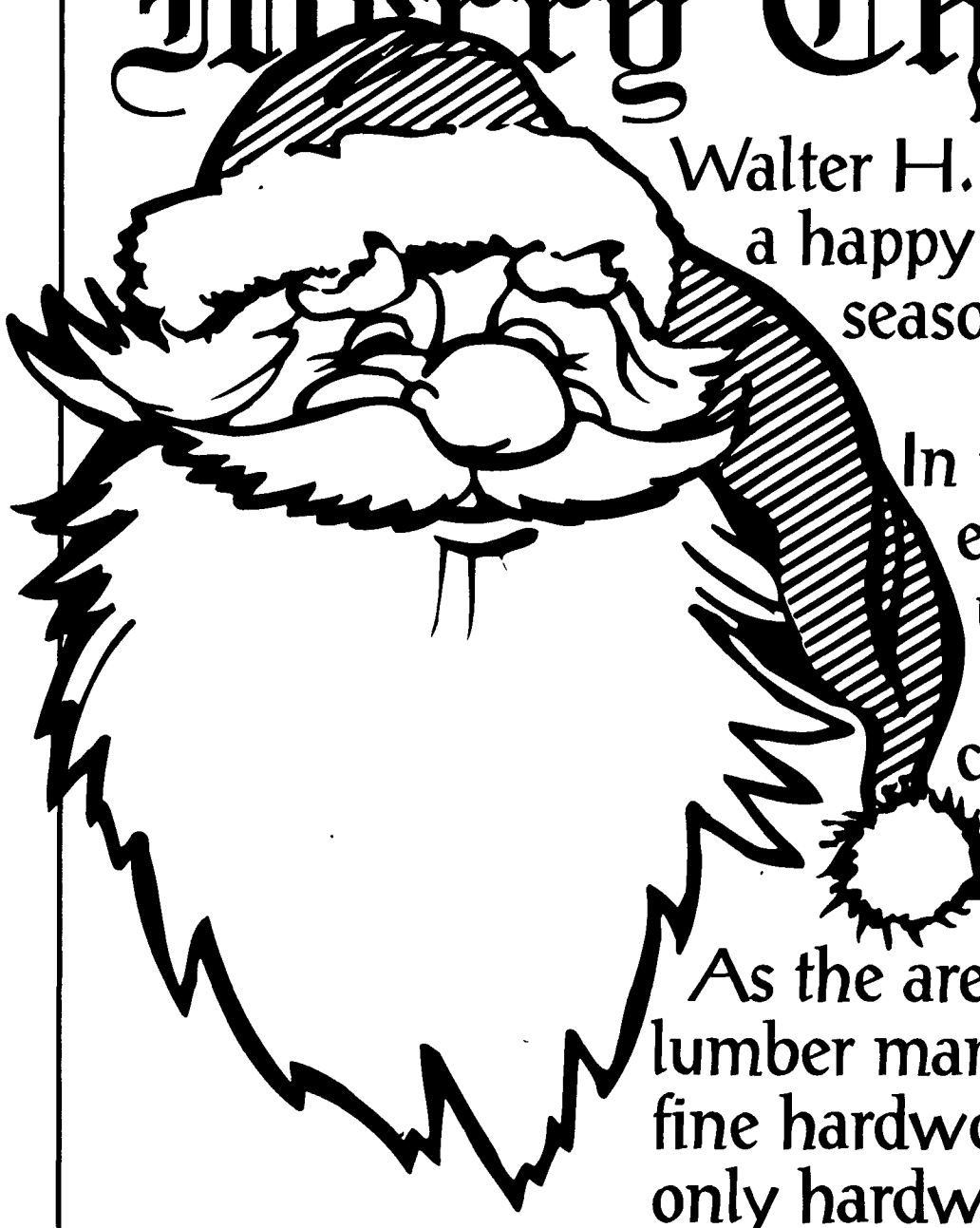
The remaining research dollars will fund projects to cut soybean farmers' production costs through the introduction of new and resistant soybean varieties, high-tech application of computer programs for crop management and other methods. With lower production costs, said Ludeman, farmers can achieve greater profit at every selling price.

The board invested an additional $2 million in industry information projects, such as soybean marketing education for farmers and the first steps in a program to increase soy industry and farmer competitiveness. Finally, the board invested $2.3 in keeping soybean farmers informed about how SPARC investments are being managed.

Sixty-three full-time farmers serve as directors on the USB, which invests half of the money generated by SPARC. The other half of SPARC money stays in the state where it was generated. USB directors are non-paid volunteers who represent farmers in their respective states.

SPARC collections began September 1, but because of normal processing delays, USB did not begin to receive checkoff funds until late November.

Merry Christmas



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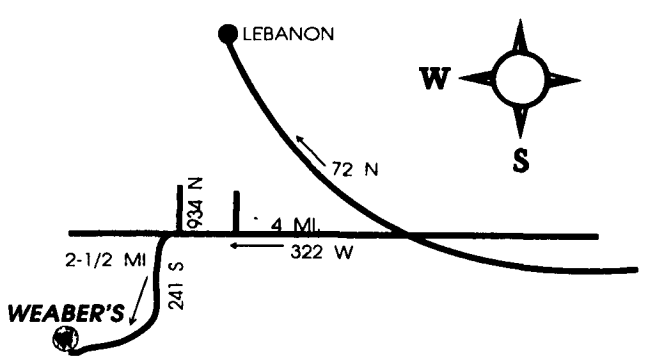

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Group Seeks Ways To Promote Conservation Acres

ANKENY, Iowa — How to encourage farmers to leave their Conservation Reserve Program (CRP) acres in a protective cover of grass or trees and make productive, economic, and sustainable use of those acres once the 10-year CRP contracts begin to expire in 1995 was discussed by conservation and agricultural group leaders during a recent meeting in Denver, Colo.

Representatives of more than 20 organizations and government agencies used the results of a recent national survey of CRP contract holders as a basis for discussing ways to keep some of the existing CRP acres in a permanent cover of soil-conserving vegetation beyond the 10 years covered by the existing contracts.

The survey, conducted during the past year by the Soil and Water Conservation Society (SWCS), revealed that nearly half of all CRP participants already have plans for how they will use their CRP acres once the existing contracts expire.

"Of those with plans," said Tony Vrana, SWCS executive vice president, "more than half expect to leave their CRP acres in permanent cover. Another third plan to put their land back into crop production.

"Nearly 60 percent of the respondents said that economic considerations would be the single most important factor in their future land use decisions," Vrana said. "We need to consider a range of innovative approaches that can be used to encourage the retention of permanent vegetative cover on the more fragile CRP acres and thus maximize returns on the public's $20 billion investment in the program."

Pete Jackson, executive vice president of the Society for Range Management (SRM) and the host for the Denver meeting, said, "We recognize economic conditions and commodity needs may encourage a significant acreage to return to crop production, but we hope to encourage the retention of a permanent cover on that land that should never have been plowed up in the first place."

Vrana said, "According to our survey results, as many as a third of the 33.9 million acres enrolled during the first nine CRP sign-up periods can be kept out of crop production for an annual rental rate lower than what contract-holders now receive."

During the Denver meeting, participants outlined a number of strategies for achieving the goal of productive, economic, sustainable systems on CRP acres. These strategies included:

- Development of public funding assistance for CRP acres that maximizes environmental benefits and minimizes public costs.
- Provision of increased agency technical staffing to help CRP contract-holders establish and maintain healthy, soil-conserving stands of grass.
- Formulation of policy changes that encourage wise use and minimize incentives for misuse of CRP acres once the contracts begin to expire.
- Organization of a nongovernmental coalition that supports and communicates the CRP campaign goal.
- Provision of assistance to local government agency personnel in working directly with CRP contract-holders to plan economically and environmentally sound resource management systems.
- Development of localized information and education programs for field use.

At least six organizations have agreed to assume some responsibility for developing action items to carry out the strategies. In addition to SWCS and SRM, these include the National Association of Conservation Districts, Great Plains Agricultural Council, American Forage and Grassland Council, and Colorado State University. A number of federal, state, and local governmental agencies also have agreed to support the efforts of the coalition.

Jackson has consented to coordinate the group's efforts and work toward creation of a formal coalition.

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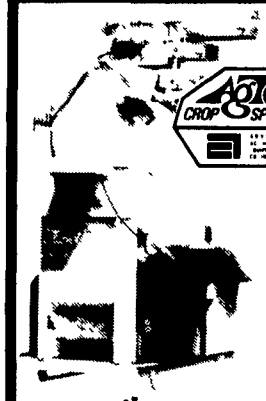
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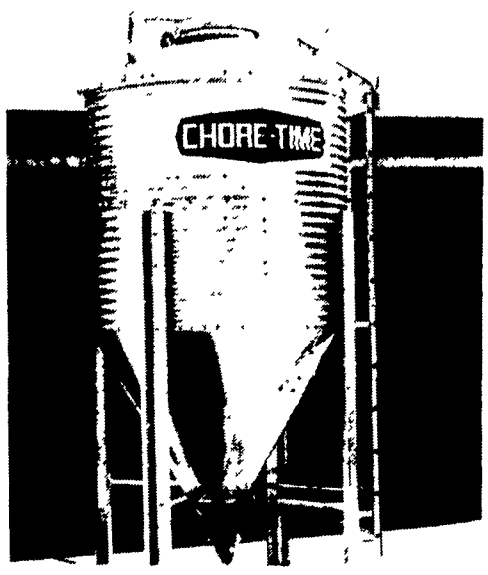
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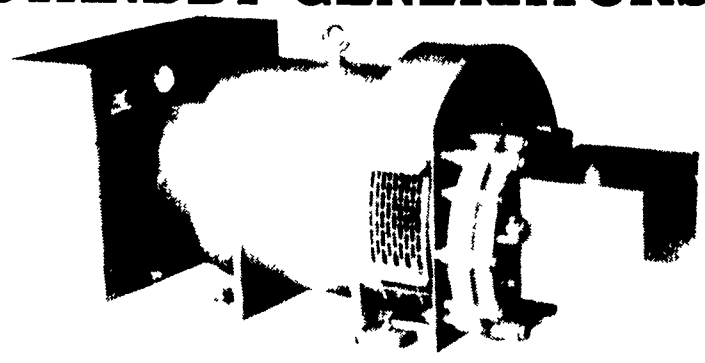
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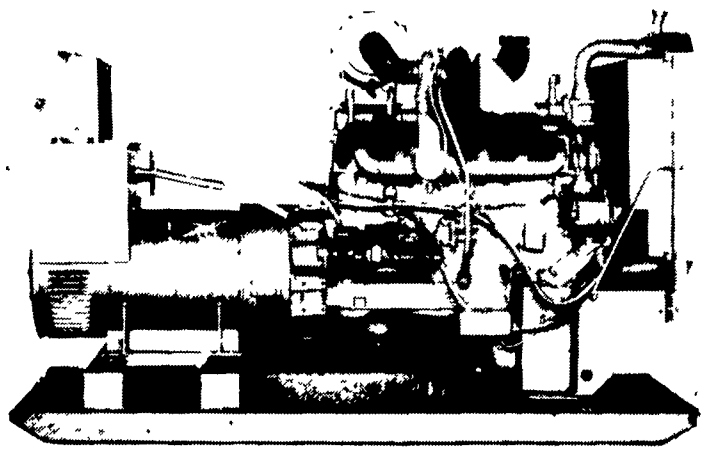
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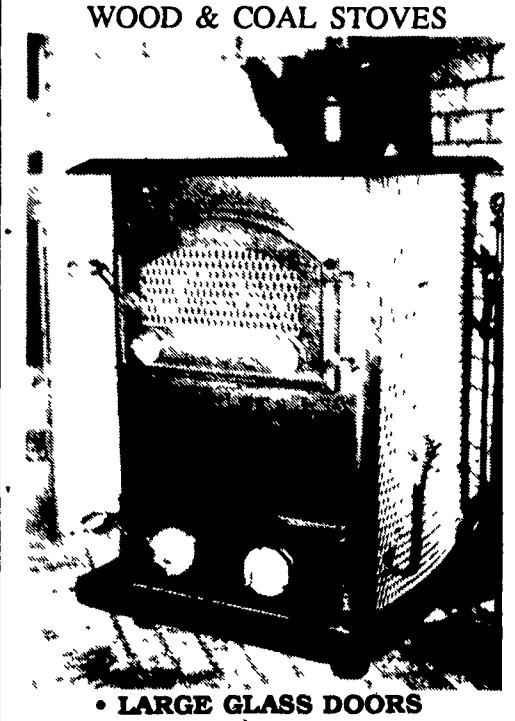
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Limousin National Breaks Records

ENGLEWOOD, Colo. — Limousin rewrote the history books recently in Louisville, Ky. with the National Limousin Show and Sale.

The first-ever National Limousin Show east of the Mississippi was the largest single Limousin show ever held in the U.S.

Exhibitors from 26 states and Canada led out 179 females and 65 bulls for evaluation by judge Dr. John Edwards of Texas A&M University and by associate judge Dr. Dale Barber of Channing, Texas.

It could be this year's Limousin national set a new mark for genetic parity as well with the 18 division champions and reserve champions represented by 16 different sires.

WCRL Tina 28X kept up the record-breaking image for the week when she was named Division IV and grand champion female of the show. The 11/1/89 MK Mr. T daughter out of SSAM QB Fancy Passer was named grand champion of the sale show earlier in the week, the first time the same female has topped both shows. She came from Woodland Creek Limousin of Garland, Texas and Thompson Limousin of Maryneal, Texas. Half-interest in Tina topped the National sale at $30,000, going to Sullivan Limousin of Dunlap, Iowa.

JCL Cattle Company of Welch, Oklahoma put youth in the spotlight with JCL Molly, a 1/24/91 TEXS Ranger Primo daughter out of SWPL Navajo Maiden that was named Division I champion female and reserve grand champion overall.

On the bull side of the fence, Yackley-CMC Limousin of Onida, S.D. dominated with three division champions and the grand champion.

YKCC Polled Cash 558Y, a 9/6/90 Polled Power son out of YKCL Sabrina 755T was Division II and grand champion bull for the Yackley-CMC program.

A 3/2/90 Polled Savory son out of FPHP Polled First Lady was named Division III champion and reserve grand champion bull. Polled Senator FPHP 15Y was exhibited by High Plains Limousin of Denver, Colo.; Cane Ridge Cattle Company of Paris, Ky.; Bar Double J Limousin of Fairfax, Okla. and Coyote Hills Ranch of Chattanooga, Okla.

Yackley-CMC struck again with the Division I champion bull YKCC Ocean Liner 168A, a 4/3/91 Atlantic son out of CMCC Earth- shaker 165V.

BJDC Don Pecos 002A, a 1/15/91 TEXS Ranger El Presidente son out of TEXS Star Luv was named reserve champion bull in Division I for JDC Ranch of Kent, Texas.

Magness Land and Cattle of Platteville, Colorado, along with Vanzant Cattle Company and Black Fox Cattle Company of Newcastle, Okla. had the reserve champion bull in Division II with DOKI Magic Time, an 8/28/90 WLCC Black Magic son out of WLCC 67W.

Maple Lane Limousin of Enon Valley, Pa., Green Pastures Limousin/Fairlane Farm of Berlin Center, Ohio and McGee Cattle Company of Athens, Texas had the reserve champion bull in Division III with NICO Polled Legacy, a 4/13/90 WLCC Dollar Bill son out of Maple Lane Nicole.

Yackley-CMC teamed up with Lenertz Farms of Roberts, Wis. to lead out the Division IV champion bull with YKCC Top Cat 410X, a 9/6/89 Top Cat son out of YKCL Contessa.

Ambush, a 4/3/89 Polled Power son out of Lookout Billie, was named reserve champion bull in Division IV at the halter of Circle L L Limousin, Wadsworth, Ohio, along with Stewman Ranches and Thompson Limousin of Maryneal, Texas.

In the female show, Yackley-CMC also made its presence felt with the Division I reserve champion, YKCC Pretty Maid 219A, a 3/12/91 YKCC Top Line daughter out of YKCC Lady Love 518W.

Jessica Smith of Paris, Ky. had the Division II champion female with her junior show grand champion, Cane Ridge Becky Jay 945Y, a 9/27/90 SY Heavy Hitter daughter out of GLR Ms. Becky 671.

Stewman Ranches led out the reserve champion in Division II with Polled Margarita, a 9/2/90 Polled Power daughter out of Senorita.

Flying Dog Ranch of Woody Creek, Colo. had the Division III champion female with FDR Beckett, a 5/10/90 Cressman Sky High daughter out of FDR Belvoir.

The reserve champion in Division III was SCF Robin 236Y, a 4/1/90 Captain Hook daughter out of SCF Cherry Blossom exhibited by Deer Valley Limousin of Fayetteville, Tenn.

LL Tina's Playmate, a 3/20/90 LL Livewire daughter out of LL Carmella was named reserve champion in Division IV at the halter of Coyote Hills Ranch and Lamborn Limousin of Mounds, Okla.

W Bar Ranch of Ethel, La. led out the champion cow/calf pair with SCF Roseanne 690W, a 9/6/88 Desperado daughter out of Yellow Rose that was shown with her 5/19/91 heifer calf by SCF Nautilus.

PMDB Tressor, a 9/3/85 Urquijo daughter out of Unicolore was shown with her 4/21/91 YKCC Stakeout bull calf and earned reserve cow/calf champion honors for Edgemont Farms of North Garden, Va.

Yackley-CMC rounded out their championship day by leading out the best five head, then were named the show's premier breeder and exhibitor.

Choice Cattle At Simmental Show

MIDDLETOWN (Dauphin Co.) — Buyers came from eight states to find choice cattle at the Pennsylvania Simmental Association's Keystone of Quality Show and Sale held at the Greene County Fairgrounds, Waynesburg, Pa. Eighty-seven lots of cattle grossed $113,980 for a lot average of $1,310.

The top selling lot was a 1985 polled Generation III cow consigned by Dunkard Valley Farms of Dallastown, Pa. The cow won champion cow honors at the show and sold for $5,400 to Ken Whipp of Triangle Farms, Jonesville, Mich.

This was the 13th annual Pennsylvania Simmental Association (PSA) Simmental fall sale. PSA would like to thank all the class sponsors of the show held prior to the sale. The sale manager was Dave Stough and the auctioneer was Colonel John Spiker.

Overall results were: 26 cows-average $1,845; 15 bred heifers-average $1,738; 27 open heifers-average $1,103; 8 bulls-average $1,266; and 11 steers-average $675.

The PSA will award "bonus" money to juniors showing Simmental-sired steers at the 1992 Pennsylvania Farm Show. Call Ken Winebark at (717) 866-5881 for additional information.

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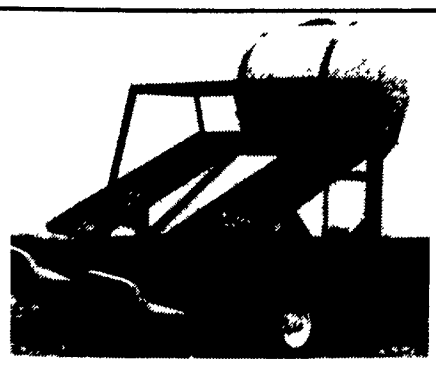

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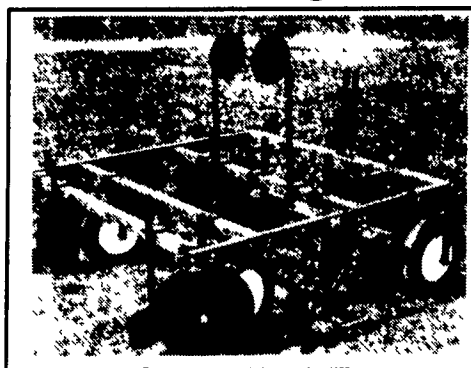

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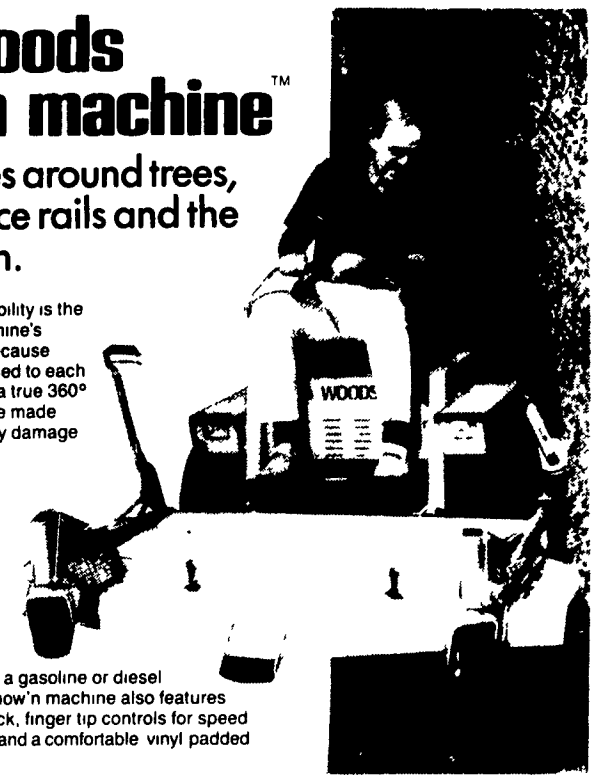

Maximum maneuverability is the key to the mow'n machine's growing popularity Because engine power is supplied to each wheel independently, a true 360° zero radius turn can be made smoothly without any damage to your lawn
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Book Refutes 'Green Revolution' Critics

WASHINGTON, D.C. — Contrary to the analysis of many critics, a new book reports that the "green revolution" led to sizable, across-the-board gains in income, nutrition, and standard of living for both small- and large-scale farmers, and even for the landless poor.

The green revolution, the most significant breakthrough in developing world agriculture, helped farmers to increase grain yields enough to stave off massive starvation in the 1970s and 1980s. It was brought about by improved varieties of wheat and rice, combined with the expanded use of fertilizers and other chemical inputs.

However, the green revolution has been widely criticized for worsening inequality in the developing world, and providing agricultural technology to primarily wealthy, large-scale farmers.

"The Green Revolution Reconsidered," by Peter Hazell and C. Ramasamy, is the first study to collect and analyze data from the same villages both before and after the introduction of the green revolution. It is also the first to examine the effects on the nonagricultural sectors of the economy. Conducted by the International Food Policy Research Institute (IFPRI), the study examined the impact of the green revolution on North Arcot, an important rice-growing region in South India.

"It is imperative that the lessons from the green revolution be understood by agricultural researchers and policymakers," said Peter Hazell, who led the study for IFPRI. "With a burgeoning population expected to double in many developing countries within the next 25 to 30 years, they must understand the social and economic effects of the green revolution if they are to ensure that future agricultural technology can equitably feed all who are hungry."

The criticisms and the response:

• Only large-scale farmers would gain. Many of the green revolution's critics assessed its impact based solely on early indicators. Large-scale farmers, in fact, were the first adopters of the green revolution technology. However, the book reports that the smaller farmers did adopt the technology after an initial lag time of three to five years.

• Massive unemployment and increased poverty would result. Most of the farmers in Asia lease the land on which they farm. Critics of the green revolution were fearful that with the increased profitability of farming, "landlords" would evict "tenants" off the land or raise rents in order to gain more profits. The study found no evidence that the distribution of the land deteriorated, except in some of the villages that benefited the leasi from the new technology because of their limited irrigation resources.

• Mechanization would replace jobs. Critics also charged that farm workers would be displaced by unnecessary "mechanization" — tractors and other farm equipment. Despite an initial increase, there has been little use of tractors, and while irrigation pumping and paddy threshing have become widely mechanized, this has not displaced large amounts of hired labor.

The net effect of the green revolution, charged critics, would be a worsening of absolute poverty and unemployment.

"Though there was a modest decline in the use of hired labor, the supply of workers declined faster and real wages increased 10-20 percent," said Hazell. "As a result annual wage earnings almost doubled for small-scale farmers and landless farm laborers."

These gains were possible because farming became more profitable and growing seasons multiplied. For example, medium-scale farmers, who often supplemented their incomes by working on other farms, gave up second jobs to respond to the demands of their own farms. This increased the number of working hours available for others. Overall, income increased for small, medium, and large farms.

Past studies of the green revolution have also neglected to examine the effects on nonagricultural households. The Green Revolution Reconsidered found considerable economic growth among nonfarm activities in the villages and local towns, including businesses such as tea shops, restaurants, transportation, and personal services. Agribusiness, such as rice milling and seed distribution, also prospered.

"This economic growth 'trickled down' to the nonfarming, rural poor," said Hazell. "They experienced a virtual doubling of their incomes, and this improved their standard of living and nutritional levels. They were able to round out their diets with more vegetables and livestock-based foods, and buy better clothes and improve their homes."

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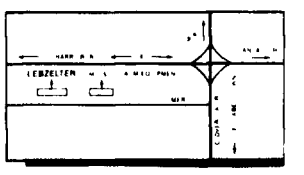

American Royal Draws Limousin Quality

ENGLEWOOD, Colo. — At what could be the last American Royal show held in the old Kemper Arena, Limousin breeders brought out a quality field for their Medal of Excellence show.

Judge Tom Stewman of Maryneal, Texas sorted the 44 females and 20 bulls in a show where the spotlight focused on both old favorites and newcomers alike.

Tejas Limousin of Colmesneil, Texas exhibited the Division III and grand champion female with VRCC Full Effort 319Y, a 3/12/90 Punch daughter.

Michael Olson of Russell, Kansas had the Division IV champi- on and reserve grand champion female with DETZ 014Y, a 2/18/90 TEXS Ranger El Presidente daughter.

On the bull side of the fence, BLR Frequent Flyer, the reserve grand champion in last year's show, came back to earn Division IV and grand championship honors. The 6/28/90 Cressman Sky High son was exhibited by Farmer Brothers, Fuhrmann Brothers, and O'Brien Farms of Pineville, Mo.

Tejas Limousin struck again to exhibit the Division III champion and reserve grand champion bull with Polled Powerhouse, a 1/31/90 son of Polled Power.

Chivas, a 1/2/91 son of Daviau Ynose ANY 26Y, earned Division I champion bull honors for Richard Schaefer of Greenfield, Iowa.

Vorthmann Limousin of McClelland, Iowa had the reserve champion bull in Division I with VORT 120A, a 3/14/91 son of Spitz Tycoon.

An 11/19/90 son of WLCC Dollar Bill, PBL Don't Talk Back, earned Division II champion bull honors for Portwood Brothers Limousin of Versailles, Ky.

J&S Farms of Rocheport, Mo. had the reserve champion in Division II with J&S 153, a 9/26/90 Cressman Sky High son.

Double J and Big 12 Cattle Company of McCoy, Colo. led out the reserve champion bull in Division III with JJ Range Rider 039Y, a 4/3/90 Underwriter son.

Double J also teamed up with partners Lazy J Limousin, Cedar Hills Farm and Jera Limousin to exhibit the reserve champion bull in Division IV with JJ Iacocca, a 3/2/89 son of WLCC Bottom Line.

W Bar Ranch of Ethel, Louisiana led out the Division I champion female with WLCC Cover Girl 02A, a 1/16/91 daughter of WLCC Polled Domo.

Vorthmann Limousin made their presence felt again with the reserve champion female in Division I, VORD Amarillo's Fancy, a 2/1/91 daughter of WLCC Dollar Bill.

FDR Triple Sec, an 8/26/90 WLCC Turbo daughter earned Division II championship honors for W Bar Ranch.

Tejas Limousin had the reserve champion in Division II with WOFA Primo's Ballerina, an 11/7/90 TEXS Ranger Primo daughter.

Griffieon Farms of Decatur, Iowa had the reserve champion female in Division III with PJBB Hot Pussycat 039Y, a 4/24/90 daughter of YKCL Celebrity.

FDR Ciara, a 1/6/90 Underwriter daughter from Cash Schilling of Edson, Kan. was named reserve champion in Division IV.

W Bar led out the champion cow-calf pair with SCF Roseanne 690W, a 9/16/88 Desperado daughter, shown with her 5/19/91 heifer calf by SCF Nautilus.

Shea Gentzsch of Fulton, Mo. had the reserve cow/calf champion with CL Angel Star, a 12/29/88 Earthquake daughter that was exhibited with her 5/6/91 heifer calf by SY Polled 770.

Double J exhibited the best five head in group competition.

Irrigation Association Officers

ARLINGTON, Va. — The 1992 officers and board of directors of the Irrigation Association (IA) were ratified during the association's annual meeting which was held recently in conjunction with the IA International Exposition and Technical Conference in San Antonio, Texas.

Thomas Kimmell, sales manager of Olson Irrigation Systems, Santee, Calif., was elected president. William Koonz, president of Koonz Sprinkler Supply, Springfield, N.J., was elected president. Joe Goecke, vice president of operations, Valmont Irrigation, Valley, Neb., was elected vice president. Jack Buzard, vice president of Rain Bird International, Glendora, Calif., was elected treasurer. Robert C. Emmerich, marketing and sales manager, Watertronics, was elected past president.

The 1992 board of directors include James Clare, Golden State Irrigation Service, Stockton, Calif.; Carol Colein, C.J. Colein & Associates, Rochester, Mich.; Nick Dvorak, principal, Growth Marketing Associates, Fresno, Calif.; Sam Duke, Russell Daniel Irrigation, Athens, Calif.; John Morgan, principal, Progressive Marketing Concepts, San Diego, Calif.; Edward Newbegin, Wade Manufacturing Co, Portland, Ore.; Tom Paterson, New Way Irrigation, Alberta, Canada; Louis Toth, Aqua-Lawn, Inc, Fairfield, Conn. and Sue York, Ewing Irrigation, San Leandro, Calif.

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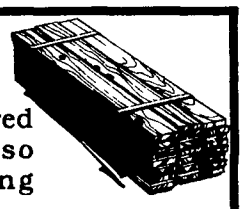

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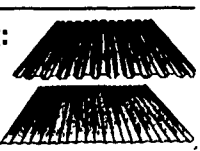

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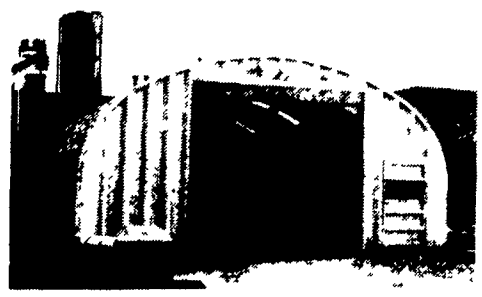

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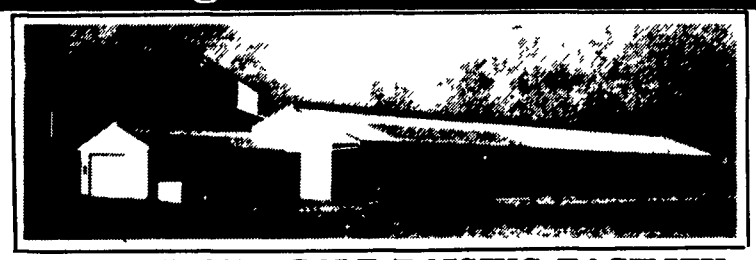

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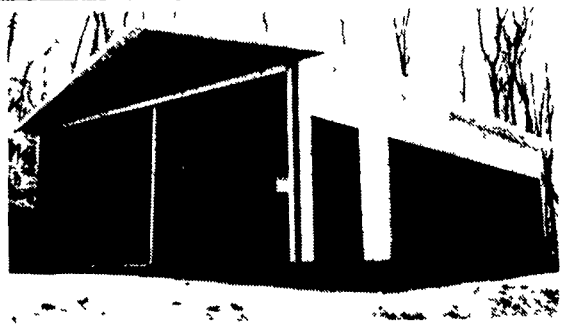

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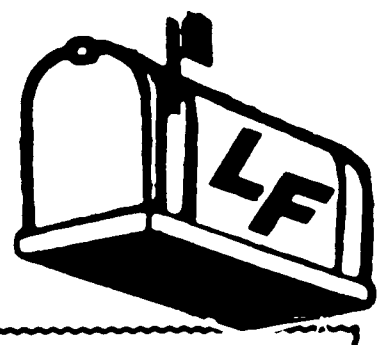

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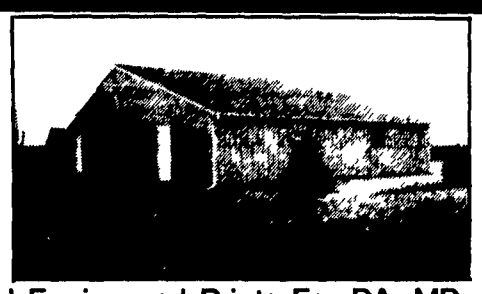

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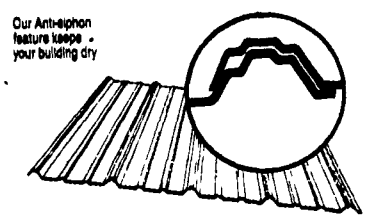

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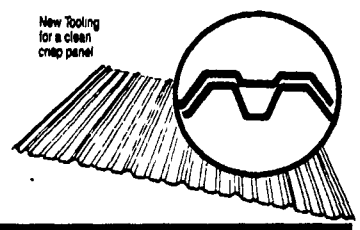

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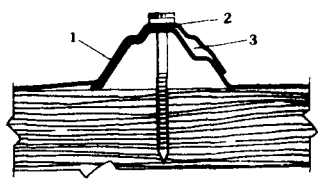

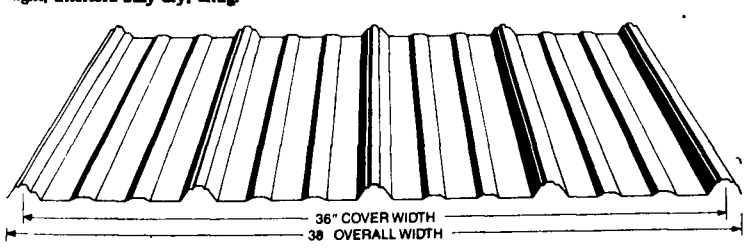

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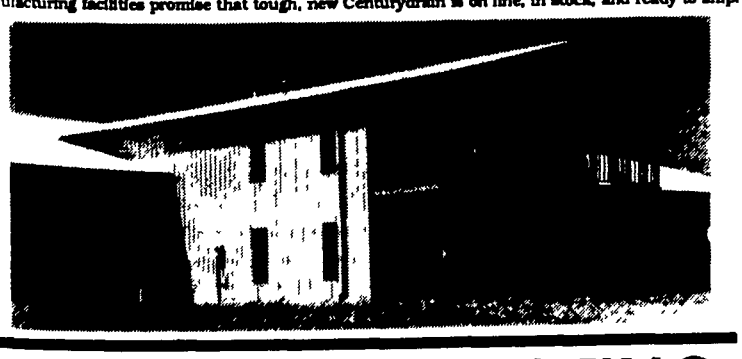

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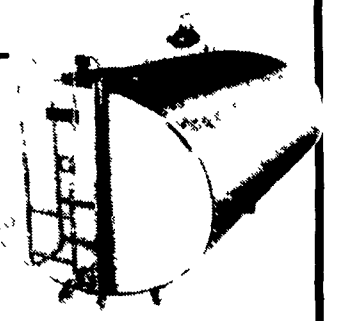

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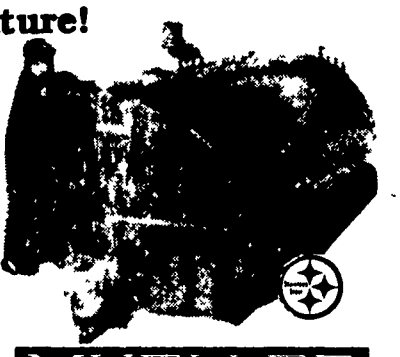

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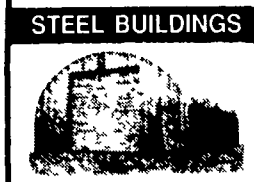

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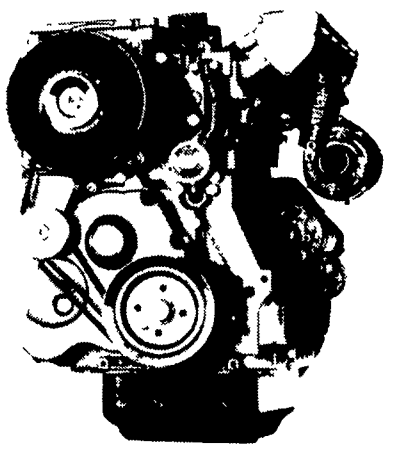

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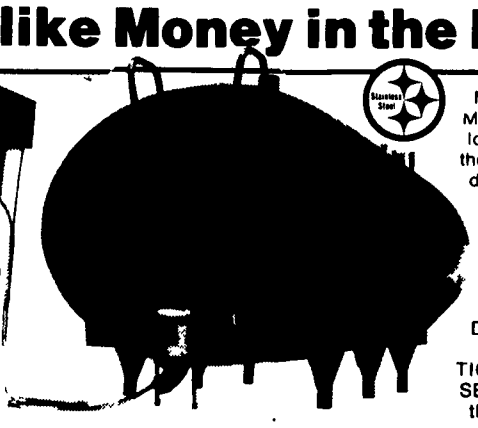

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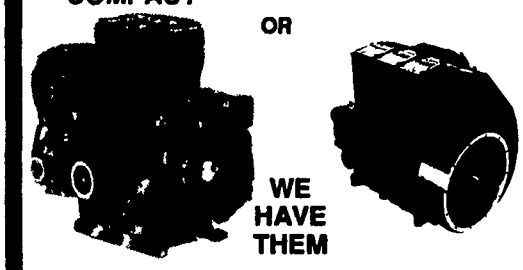

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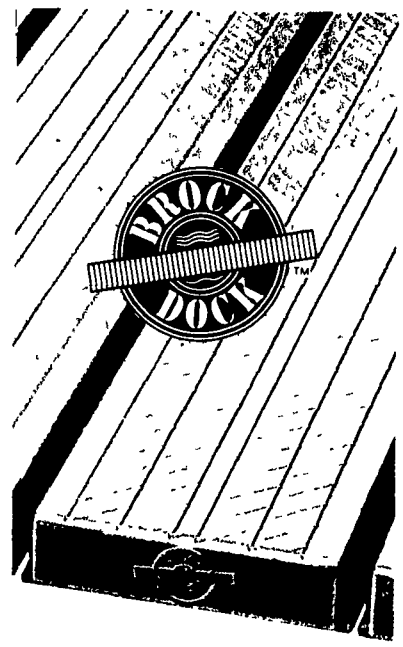

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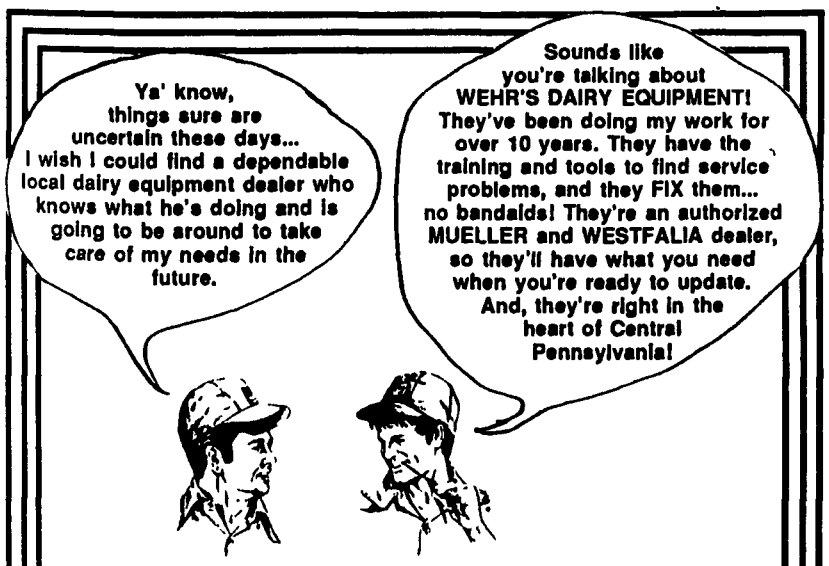
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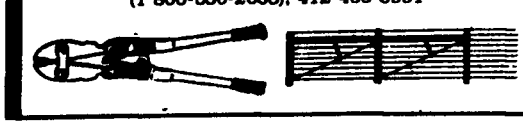

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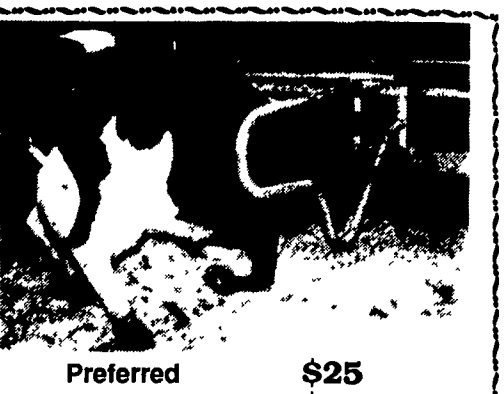

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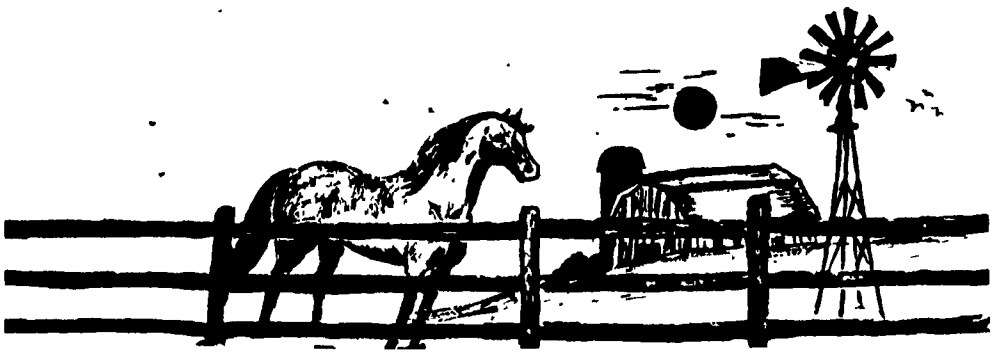

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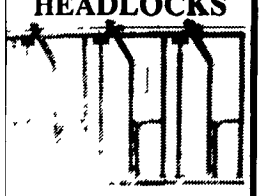

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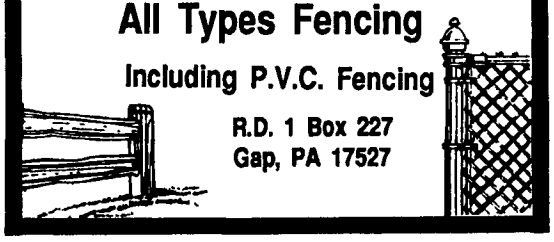

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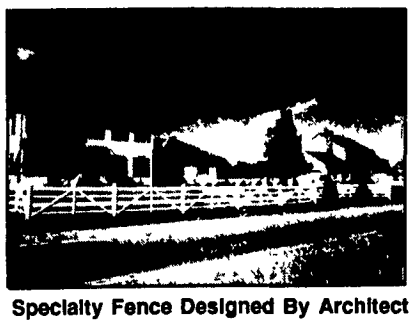
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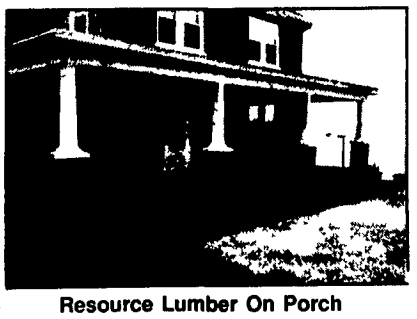
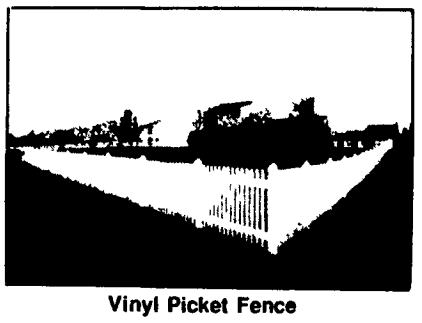

Resource Lumber On Porch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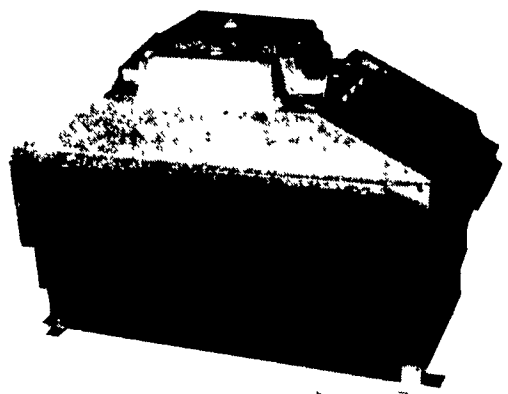

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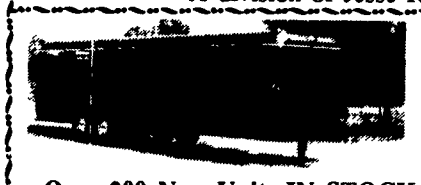

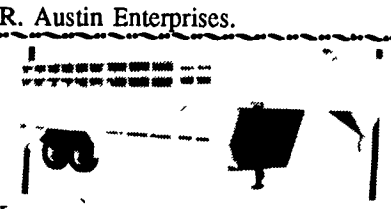

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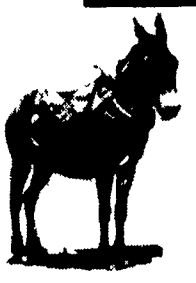

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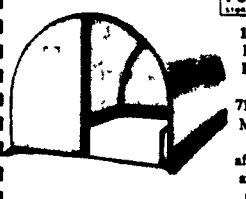

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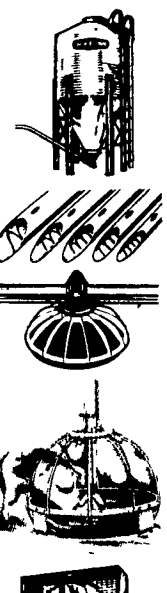

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CONTAIN AND CONTROL BUILDING TEMPERATURES IN THE WINTER! THESE PRODUCTS COMPLETELY ELIMINATE YOUR CONDENSATION PROBLEMS! DRAMATICALLY INCREASE THE "R" VALUES OF ANY BUILDING WITH PURE ALUMINUM FOIL INSULATION, GUARANTEED FOR LIFE!

BUY BELOW WHOLESALE FOR ONLY 14 CENTS PER SQUARE FOOT!

SPECIALLY DESIGNED FOR ALL AGRICULTURAL BUILDINGS

* egg rooms
* cold storage boxes
* horse barns
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* veal houses
* hog and firing houses
* all poultry and livestock buildings

RESIDENTIAL USES:
* basement walls
* crawl spaces
* attics
* under carpet, over cement floors, and much, much more!

U.S.D.A. APPROVED
Fire Resistant - "the highest fire rating of any insulation"
Will not Deteriorate!
Can be washed down with water and hose!
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14 POULTRY & SUPPLIES

POULTRY PRODUCERS

Introducing a NEW and PATENTED product designed for AMMONIA CONTROL in poultry litter and odor control for feedlots and litter boxes.

Extensive testing has shown AMMONIA HOLD® to:

1. Increase Feed Efficiency
2. Decrease Mortality Rates
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Available *Only* at your local: AGWAY®

For more information call CUSTOMER SERVICE:
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14 POULTRY & SUPPLIES

250 golden comet pullets, 22 weeks old, 2-20' val drinking lines w/regulators. (717)354-6657.

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6-8 Months -
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- Broilers
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15 FEED & SEED

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Bright wheat straw, hay and dried shelled corn for sale. STUMP ACRES 717-792-3216 York Co.

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Call Pyramid Agric-Products International for PAPI'S Premium Dairy Feeds, nutritional services and top quality alfalfa hay in 4'x4'x8' and small square bales. We deliver semi loads nation wide. 316/285-2275 or 316/285-7211.

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HAY AND STRAW for horses and dairy. Over 35 years of business. Reference in your area upon request. We deliver. No orders too large L J Hay, Inc. 1-800-622-9902

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STRAW Hesston square bales, 4x4x8. Will deliver 215-255-5211.

Straw -excellent quality, $1 75/bale. Hummelstown. 717-944-2757 Days; 717-533-6764 Eves

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14 POULTRY & SUPPLIES

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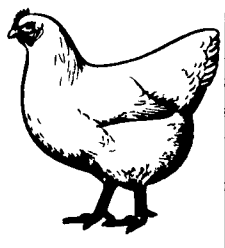

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We now have paper $40 a ton FOB Honey Brook.
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EAR & SHELLED CORN
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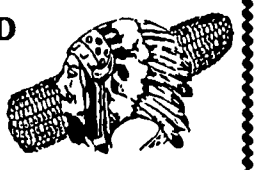

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18 FRUITS & VEGETABLES

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100 bu. $60.00 300 bu. $90.00 1,000 bu. $150.00
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5 yds. $140.00 10 yds. $250.00 15 yds. $330.00

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Delivery available. Priced right!
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- 4x2000 Black, 1 mil $24.00
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19 NURSERY

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FRESH TREES
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Colorado Blue Spruce, Douglas Fir, Fraiser Fir, Hemlock, White Pine, White Spruce, Norway Spruce.

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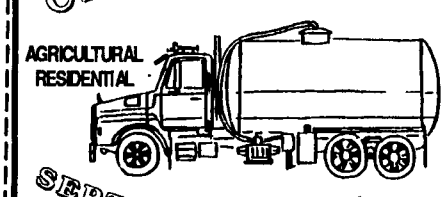

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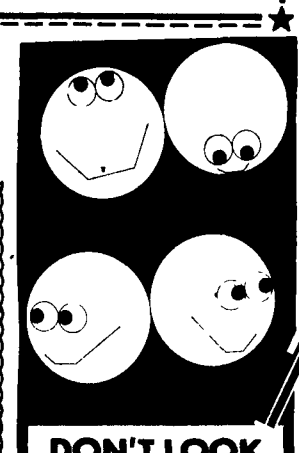

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20 LAWN & GARDEN

Bolens Tractor Attachments: Snowplow, snowblower, tiller for 1050. Call 215/822-6026.

Simplicity 3415-H lawn and garden tractor, 8 attachments including snowblower, wood chipper and 42" blade, very good condition. $2,150. (215)968-4561.

Snowblower, Gilson, 7hp, dual stage, 26", electric start, 2 speed, FWD/REV, excellent $400 OBO; also Encyclopedia set WANTED. Chester. 215-269-2858.

21 SERVICES OFFERED

Animal Clippers- Parts and Service, on both Oster and Stewart brands, small appliances and power tools. Mt. Joy Appliance Doctor, 1270 Milton Grove Rd., Mt. Joy, PA 17552, (717)653-2117 Hours 8-5 weekdays.

Art's Services
Slate Work & Other Roofing. Also Spouting. Any Size Job 717-665-ROOF(7663)

Clipper Blade Sharpening: Cattle blades $2.50 per set plus return postage, sheep and dog blades $3.50 per set plus return postage. Guaranteed. Send to Aaron E. Beiler, 915 W Main St, New Holland, PA 17557.

General Hauling, 14' van, weekly runs between Blair/Centre to Hsbg. area. M H Smith, RD4, Box-582, Altoona, PA 16601. 814/942-3821(Leave Message)

POLLINATION
Tony or Ellen B
HONEY BEE REMOVAL SPECIALIST. Wasps & Hornets. Venomous Insects. 1-800-47-STING

PROFESSIONAL HOOF TRIMMING: Over 20 years experience. Fast and accurate work 70-100 cows per day. Increases milk production. Easy and gentle on the cows and farmer. No assistance needed. 717-755-0770 or 717-757-3378. Satisfaction guaranteed.

Soybean roasting on your farm. Dale L. Schnupp, RD 6, Lebanon, PA 17042 717-865-6611.

22 CUSTOM WORK

CLIP & SAVE This Ad
Need Something Hauled?
Local or Long Distance
With Our 24 Ft. Beavertail Trailer
Call 717-355-7992
New Holland, PA

AUKER'S CUSTOM BAGGING
8 ft. Machines strictly power take-off
Preservers and applicators available
In liquid and powder
NC+ Seed Dealer America's down to earth seed company
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Attention Christmas Tree Growers & Buyers
Will Haul With 24' Gooseneck Flat, Approx. 6 Ton Loads
Also, Hauling Hay, Equipment, Etc.
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SULPHUR CREEK FARMS
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Miller's Welding and Repair
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Christiana, PA 17509
We custom build • brake and shop presses to your specs • Manufacture aluminum truck bodies • stainless steel welding • customize your tractor to a forklift • overhaul tractors and industrial equipment
Call between 7-7:30 A.M.
(215) 593-6112

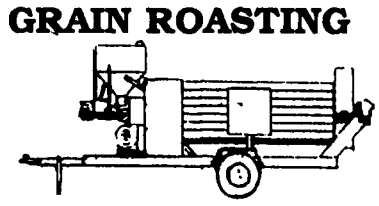
Agriculture Manure Storage Pumping, Tank Cleaning And Spreading Service.

Residential Septic Tanks, Holding Tanks And Cesspools.

Commercial Sludge And Sewer Hauling, Handled In Large Amounts.

Carl M. Hoover Liquid Hauling
Richland, PA 17087 (717) 866-7822

GRAIN ROASTING



on your farm

- destorys mold
- removes moisture
- retards toxins

and

MOBILE MILLING
- textured feed
- electronic scales
- molasses
- vegetable oil

OBERHOLTZER'S CUSTOM WORK
Custom Milling & Grain Roasting
2743 Valley View Road
MORGANTOWN, PA 19543
(215) 286-2062

21 SERVICES OFFERED

Cattle hoof trimming. No Sunday calls (215)345-0897.

HOOF TRIMMING
Randy Keebaugh
Blair, Bedford, Fulton, Franklin, Huntingdon Counties, PA
Washington County, MD
717-485-5421
References

22 CUSTOM WORK

Craftsman Wanted to repair post/beam barn in Central Maryland, frame, roof, floor, need work Provide own transport 301-774-4410.

HERTZ-HAUL Custom Hauling and Spreading of Liquid Manure, 5000 Gallon Vacuum Truck 215-286-9708.

Soybean seeds cleaned and bagged on your farm NEWCOMER SEED CLEANING 717-653-4123

LIQUID MANURE HAULING
(717) 872-1981
Steve Lehman

23 HELP WANTED

$35,000/YEAR PART TIME. Ag Related Field, For Free Information Please Call 208-733-2323, or write A.S.A.A. Box 186, Twin Falls, Idaho. 83303

Assitant herdsperson needed for registered Holstein herd in central CT Room, board, laundry, insurance, salary package offered. (203)668-7128

Dependable, reliable help needed for dairy farm. Milking and field work. Mechanical ability a plus. 120 milking registered herd Good salary and benefits, excellent housing 410/836-2283.

Estate/Farm Manger Hands on person for NJ 400 acre farm. Self movitated, decision maker. Salary attractive, house, bonus, send resume. Box 368, Whitehouse, NJ 08888.

Farmhand needed on large modern dairy farm. Duties include: feeding, milking and light field work. Must like cows and work! Prefer non-smoker, non-drinker References required. Lehigh County. Lancaster Farming G-78, P.O. Box 609, Ephrata, PA 17522.

Farm worker, prefer experienced non-smoking single person or couple. Beef cattle and crop farm. Chester Co. 215/935-2928.

Help for 1992 Summer and Fall Harvest. Prefer non-smoking and non-driking persons. Room and board furnished. 9600 JD's and KW trucks. 316-585-6478

Spray Truck Driver Wanted for full-time or seasonal work in York and Harford Counties, MD, good benefits, experience required For appointment call Lebanon Agricorp 301/452-8144.

WANTED: Christian man or couple to work on 85 cow dairy farm in Lancaster County, PA. Should have some experience working w/cows, competitive compensation plan and regular time off, offered. Call 717-464-3990, 717-464-4964 after 7PM

23 HELP WANTED

Expanding progressive Potter County Dairy Farm seeks assistant herdsman milker. Excellent opportunity for right person. Four Wind Farms. Ulysses, PA. 814-334-5805.

TRACTOR TRAILER DRIVER/CUSTOMER SERVICE. Must have clean driving record and meet DOT Regs. Agricultural based company, excellent benefits, salary commensurate with experience. Immediate opening. Send resume to: Personnel Manager, 55 Willow Springs Circle, York, PA 17402.

Herdsperson needed for 350 cow dairy in Southern Chester County. Experience in A.I. and herd health required. Excellent salary and benefits
(215) 274-8710
(215) 274-2224
After 7 p.m.

Wanted
Responsible person preferably Christian to work on Franklin County Beef and Hog Farm. General farm work and part-time butchering. Flexible hours with time off. House available.
(717) 597-4470 evenings

SALESPERSON WANTED
To sell to established dealers, prospective new dealers in Pennsylvania and nearby states. Wholesale seeds and agricultural products. Salary or commission.
Write to Box 204
Muncy, PA 17756
Or if experienced call
1-800-874-4803
for appointment or conference call

WHEN SEEKING A CAREER AS AN AGRICULTURAL PROFESSIONAL
Contact the Agricultural Employment Specialists
NORTHEAST
Agri-Employment Services
P.O. Box 233
Roaring Spring, PA 16673
(814) 224-4542
*** An employer fee paid agency**

Chief, Resource Conservation
Maryland Department of Agriculture unclassified position serves as manager of a statewide agricultural soil conservation and water quality protection program Work involves direction, planning, and evaluation of field and support activities, and coordination with other agencies. The Chief supervises regional coordinators and program services staff. Travel throughout Maryland, some evening and weekend work hours are required.
Requires Bachelor's degree and four years experience in soil conservation, water quality protection or related agricultural or natural resource programs, experience must have involved program development and supervision. Some substitution of experience for the required education may be made.
Position is located in Annapolis. Starting salary is $37,923. Current State employees may qualify for higher starting salary.
Send resume by January 20, 1992 to Office of Resource Conservation, Maryland Department of Agriculture, 50 Harry S Truman Parkway, Annapolis, Maryland 21401.
E O.E.

SALES MANAGEMENT TRAINEE/ DISTRICT SALES MANAGER
American Breeders Service is currently recruiting for a Sales Management Trainee/District Sales Manager located in South Eastern Pennsylvania. The primary function of this position is to prepare the individual for future district sales manager responsibilities through formal training as well as on the job experience with company personnel. The main responsibility of this position is to learn how to effectively lead, coach and manage the districts independent business operators. Further responsibility is to effectively penetrate both dairy and beef markets and to attain annual sales goals by market segments, units, dollars and market share for all product lines.
The candidate selected must have a Bachelor of Science degree in Dairy Science, Animal Science or related field or have related equivalent experience. The individual should have good organizational skills, be self-motivated and have a high degree of integrity. Excellent written and oral communications skills are also required since they work with individuals at all levels both inside/outside of the company. Some travel is also required and the individual must be able to relocate within the district boundries
To be considered for this position, interested applicants should submit a resume or application by January 6, 1992 to:

American Breeders Service
Regional Sales Office 020
2112 Cherry Valley Road
Newark, OH 43055

or

American Breeders Service
Human Resource Department
Attn: Dwight M. Williams
DeForest, WI 53532

23 HELP WANTED

FARMER -
Fosterfields Living Historical Farm, Morris Township. Excellent benefits. Call
Helen Hesselgrave
201-326-7600
The Morris County Park is an E.O.E.

HELP WANTED
Welding
Painting
Production
(717) 768-3197
Pequea Machine
3230 E. Gordon Rd.
Gordonville, PA 17529

24 SITUATIONS WANTED

Couple w/child looking for employment on dairy or related business We enjoy farming, are gentle w/ cattle. 10 years dairying experience Future goal, own our own herd B.S Dairy Science. Hardworking country people willing to relocate. Write Box R-53, c/oLancaster Farming, POB 609, Ephrata, PA 17522.

Dairy Farm near Buck Motor Sport needing farmhand for field work or to takeover farm in Spring (410)658-3412.

Husband and wife desire work on dairy farm, need housing. 215-756-6778

Non-Smoker/drinker, Christian farmhand in exchange for room/board 717-225-6305

25 BUSINESS OPPORTUNITIES

OPERATE YOUR OWN BUSINESS
Portable and Stationary Textureator Feed Processing Business
Available in New Areas
For Information Call
Feedmobile
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FOR SALE
(HUNT. CO.)
$1,000,000.00 Plus
Business Opportunity
1. Feed Mill (Well stocked with good business)
2. Tractor Implement Supply Business (well stocked).
3. Pro Hardware Business (well stocked)
The above businesses are to be sold complete with inventory, tractors, trucks, land, equipment, buildings, house, tools, etc.
Smooth transition & financing to the right buyer. Excellent opportunity for two families, owner retiring.
SHADE GAP MILL
Box 672, Rt. 522
Shade Gap, PA 17255
814-447-3388 Home
814-259-3258 Bus.

24 SITUATIONS WANTED

YOUNG COUPLE with dairy experience looking for dairy farm to lease with option to buy. Housing a must Send replies to Box B-38, %Lancaster Farming, P.O. Box 609, Ephrata, PA 17522.

Young hard-working couple seeks farm, home and garden business in NJ, eastern PA, or southeastern NY. Please reply to: G-74, Lancaster Farming PO Box 609 Ephrata, PA 17522

25 BUSINESS OPPORTUNITIES

Complete portable sandblasting set-up, new 250cfm diesel compressor, blast equipment. Earn $75/hr, $13,000 or trade for backhoe equal value 201-579-4977

Millwork and General Contracting Shop. 9000 sq.ft. operating shop includes machines, trucks, wood inventory. 1A, rural town, Upper Dauphin County. Living quarters on property. $220,000. Write. Box R-52, c/o Lancaster Farming, POB 609, Ephrata, PA 17522.

Want to make $15/hr at home? Handmade item every dairy farmer needs. Easy extra income for men, housewives, teenagers, retired, and disabled Free information. SASE to: Goodville Farm Services, Box 6, Goodville, Pa 17528.

Wooden Craft Business, build and wholesale, minimum investment. Lanc. 215/267-3303.

Yogurt processing business for sale. Good opportunity for the right person. Write to Dutch Country Yogurt, 731 Nottingham Rd., Peach Bottom, PA 17563.

26 HOUSEHOLD

Firewood -mixed hardwood Call for prices and delivery. 717-362-9096

Pioneer Maid airtight wood-burning cookstoves Cunningham wood/coal combination heaters Use anywhere. Two sizes in stock. HOMESTEAD, 991 Fivepointville, Stevens, PA-17578.

Two Maytag wringer washers for sale. Call (215)687-1418 between 8-9 am, 4-8 pm, Monday thru Friday.

APPLIANCES
Central PA's oldest & largest used only appliance store now open in Lebanon. Over 150 rebuilt appliances to select from. All appliances guaranteed 1 year.
W.S. Enterprises
15 S. 9th St.
Lebanon, PA
717-272-2405

27 PETS

14 Cocker Breeders, each 9 months to 5 years, $50/each; Dog kennel 48' long with 3' box and 6' wire run, size meets new federal standards, 4 stainless steel cages, 3' high 4' wide 34" deep, $100/each, Call 717-345-2656.

AKC Black Lab pups, field and show champion bloodlines (717)738-4946

AKC Boston Terrier Puppies, Brindles full white collars, shots, wormed 717/567-3554.

AKC Cocker Spaniel Pups, 8-wks, shots, wormed, very friendly, $195F, $150M 215/445-7931

AKC Dalmation Puppies, shots and wormed Sch. County, PA. 717-739-4550.

AKC German Short-haired Pointers, born 10/4, excellent blood line. (717)536-3339.

AKC Golden Retriever Puppies Great Christmas Gift. Ready December 21st. Call 717-362-4265.

AKC Samoyed Pups, seven weeks, shots, wormed, fluffy white teddy bears, $250. 215/445-7931.

AKC Shelty Breeders, $95 each takes all. 717-362-8345. Dauphin County

Australian Cattle Pups--red and blue heelers, $50 Male and female, on farm, 7-weeks old 12/15. Daniel E Zook, 326 Hammertown Rd., Narvon, PA 215/445-6169.

Australian Blue Heeler Cattle Pups, 6 weeks old, 12/12 will hold for Christmas $75. John King, 35 Mud Level Road, Shippensburg, PA 17257

Australian cattle dog pups for the family and farm N.S D. registered, reds and blues, males and females, ready for Christmas. (410)635-6380.

Austrialian Cattle Dogs (Heeler) pups "Reds", born 10/4, AKC, NSD and ARF registered, vet checked, shots and wormed, championship bloodlines. For more information call 717/899-6481 after 7PM or leave message.

Catahoula female, blue, 9 months, real nice dog. (410)635-6380.

Cute cuddly Eskimo Spitz pups for sale. Great Christmas gifts. 717/626-6953.

English Bulldog pup, male, show quality, champion pedigree, inquiries welcome. 717/966-2093.

Golden Retriever Pups, adorable Christmas gifts, AKC quality, great for kids, reserve now, bring home in January 717/564-7199

Jack Russell Terrier, female, registered, born 9/20/91, smooth coat, shots, wormed, parents on premises, family pets, $300. 215/582-5910 Berks.

Miniature American Eskimo Pups, UKC, M-$175, F-$225. Sheltie Pups, AKC, M-$150, F-$200. Shots/wormed. Can hold for Christmas. John Stoltzfus, Box-14, Broad St, Honey Brook, PA-19344 215/273-2294 7-7:30PM

POT BELLIED PIGS FOR SALE
$150 Each
Black or white
Male or Female
Buy 5 or more and get a 20% Discount
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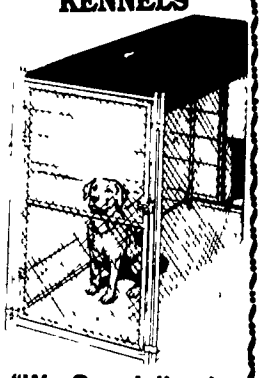
Pair Peach faced lovebirds, nice cage accessories $125 OBO 717-755-2337.

Reg Rottweiler pups, 10 weeks old, $200 814/632-8337

CUSTOM BUILT CHAIN LINK KENNELS



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Singles To Large Complexes
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Quality Fencing & Supply
662 N. Shirk Rd.
New Holland, Pa. 17557
717/354-9760

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AKC Registered. Will Pick-up Entire Litter Anywhere in PA
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Call Between 6-8 PM

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POT BELLY PIGS
Registered Excellent, Housebroken, Nice Christmas Gift
$50 to $150
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$ **CASH FOR PUPPIES** $
$ **IN LITTER LOTS** $
$ For Resale As Pets $
$ Cash Paid $
$ Will Pick Up $
$ Call Charlie Hackett $
$ **215-681-5236** $
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PUPPIES WANTED
AKC PUPPIES With or Without Papers. All Breeds (Part and Whole Litters) PAID IN FULL-AND NO WAITING FOR YOUR MONEY.
DON'T SELL TILL YOU CALL US
KITTENS WANTED. Siamese, Persian and Himalayan Bought All Year (Mixed Breed Kittens Bought November Thru April)
"CALL NOW" ***717/822-2033***

PUPS WANTED
Jo Jo The Dog Man
Call Toll Free 1-800-392-4953
7-9 AM Only
If you have pups to sell Tuesday December 17, 1991.
I will not buy any more pups till Tuesday, January 28, 1992
609-452-8903
So, If you have pups to sell December 17th is the last day to sell them!

27 PETS

Two Australian Cattle Dog Pups, 1 Male $50, 1 female $75, very good farm dogs, 717/354-7194.

31 NOTICE

WANTED: $40,000 for three years, will give first mortgage on 18 acres of prime Lancaster County farmland w/rental building (717)354-5922.

WANTED
LP Gas Storage Tank, 15,000 Gal. or Larger
(717) 354-4996

32 MISCELLANEOUS

150 H P electric motor w/ Funk transmission, driving 3 hydraulic pumps, complete w/automatic starter switch 908-362-9521 After 6PM

FABRIC, finest grades available, 10 pallets of large sample pieces, all types, linings, denim, wool blends, cotton blends Solid colors only $1 50 per pound (approx $1 00 per yard) $50 minimum 717-394-4980

Farm Toys-Collector Series, Show Tractors, Pedal Tractors, Trucks-for sale at all times Visit our large display during business hours. Wengers Farm Machinery, Inc., 251 S Race St , Myerstown, PA 717/866-2130.

FLOORING: (600) sq. ft. Oak Parquet Flooring (color walnut), $1.35 sq. ft. 215/432-4811 Andy.

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Meat Grinders, Bandsaws, Slicers and Tenderizers New spliting saws, only $249. Gerry Grundy, Doylesburg, PA on RT 75, 200 yds. North of Rt 274 Open Saturday and Sunday 10AM to 4PM. 717-349-7654; 215-549-7584 Evenings.

Model 1420 Ditch Witch trencher, very good condition, ready to work Call 301-898-0090 or 301-271-3270

Model 760 Remington Gamemaster 270 Pump (older model), Model 870 Wingmaster Remington 12 Gauge Pump. 717/582-2352

Model T Ford 1913 Depot Hack, excellent condition 908 362 9521 After 6PM

OLIVER OC3, all original, very good condition, $3,000. 717/324-6141

Refrigeration Equipment F-12 Freezer and Cooler Compressors, 3HP, 1PH, cooler units, walk-in freezer and cooler doors Cheap Chester Co 301/398-2948

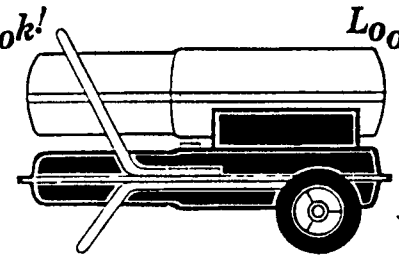
SAVE MONEY ON WOODWORKING MACHINES!
Band saws, jointers, planers, routers, scroll saws, drill presses, table saws, sanders, lathes, shapers, dust collectors & more in stock 30 Day Free Trial! 1 Year Warranty. Call For Low Prices. 1-800-445-4669 Terre Hill, Pa.

Sears best regulation pool table, like new, 3 piece slate $1200, pinball machine, asking $600; table saw and bandsaw, $300/ea, like new. 215-932-2521.

32 MISCELLANEOUS

250-300 AM, AC, DC, Miller welder, Kohler engine w/75' cables $450. 908-362-9521 After 6PM.

College Scholarship Sources Up to date legitimate factual Write to. Mr. Read, POB 39, Narvon, PA 17555



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These heaters are assembled and filled with kerosene at no extra charge, if ordered before Christmas, 1991.

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SNOW PLOW: Western 7'-6" with angle plowing (fits 89 full size Blazer) like new. 215/432-4811 Andy.

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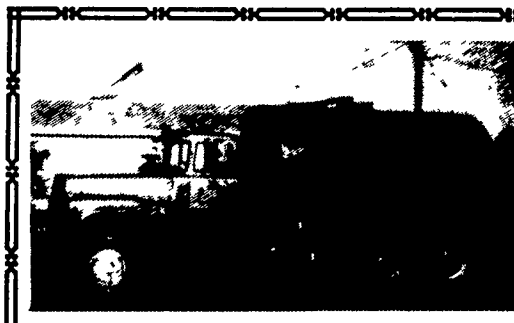
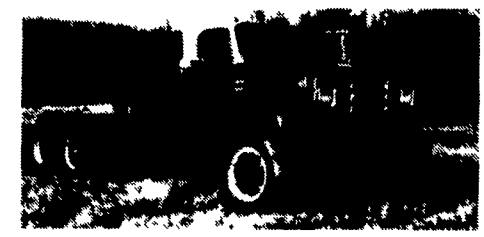
Mounted, fiberglass or life-like full cow or calf for nature exhibit. Also need bear, deer, wildlife, turkeys and game birds.
Call Collect
(609) 235-7310



81 Mack
44,000 Rears & Cat 3406 Engine
4250 Gal. Vacuum Tank, Isuzu Diesel or Vacuum Pump
In Good Condition
$32,000
717-529-2512



1977 GMC
Cab & Chassis, 427 Engine, Ten Speed Trans. Power Steering, Air Brakes, Live Tandems, Double Plated Frame Would Take 18 to 20' Bed.
Mint Condition
Ph. Eve. 717-786-1119

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1989 Pontiac Grand Prix, 2 Dr., 3.1 V6, AT, Loaded, 46,000 Mi. ..$8,600
1989 Chevy Celebrity, 4 Dr., V6, AT, AC, CR, AM-FM Cass., 61,000 Mi.....$5,900
1988 Dodge Shadow 4 Dr., 4 Cyl., AT, AC, AM-FM, 46,000 Mi.....$4,900
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1986 Chevy Nova CL 4 Dr., 4 Cyl, AT, AC, AM-FM, 59,000 Mi. $3,900
1986 Chevy Camaro Z28 V8, 5 Spd., Loaded, T-Tops, 76,000 Mi...$5,600

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Myerstown, PA
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1981 IH Grain Truck
35,000 GVW, DT 466, Air Brakes, PS, New 15 Ton Hoist and Bed
$13,800
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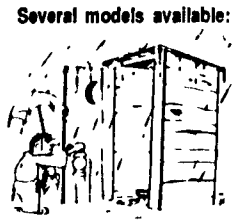
The Classified Livestock Section Has Beastly Selections!

35 TRUCKS & TRAILERS

FROM THE PIONEERS OF
COTTAGE TOILETS

Several models available: Non-electric to low flushing.



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Enjoy the comforts of an odorless biological toilet in your cottage

The TROPIC!
A beautiful design made of durable fiberglass Requires no water, no chemicals, no septic tank Highest quality with a **2 year** warranty

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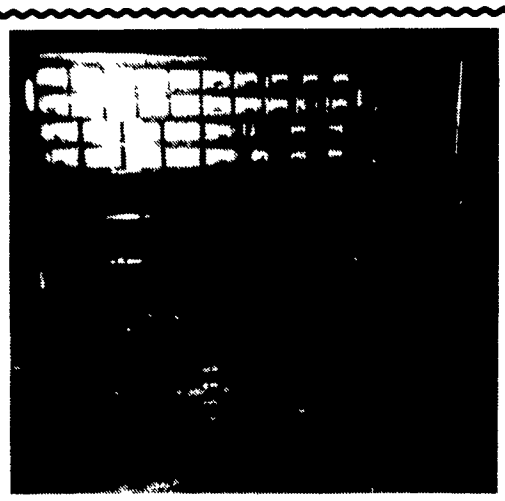

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Oak Machine Shop Cabinet
Very Nice, Would Make Nice Christmas Gift
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1987 F-350 Dump, 6.9 Diesel, 4 Speed
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1989 F-250 XL, 5 Speed
1986 F-250 XLT, AC, 4 Speed
1986 Chevy Beauville Window Van, 8 passenger, 6 cyl., automatic, 76,000 mi

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Rt. 147 North
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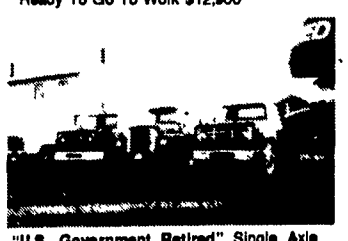

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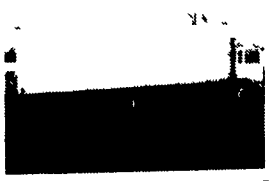

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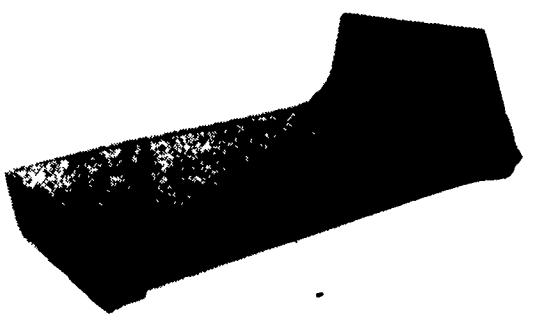

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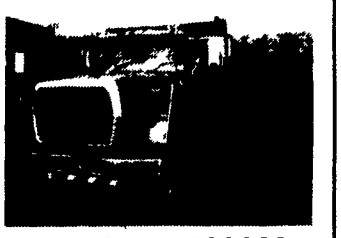

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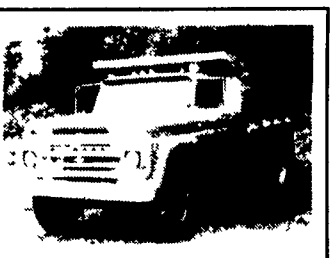

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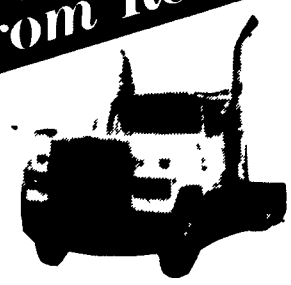

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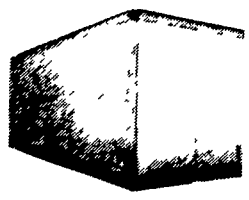

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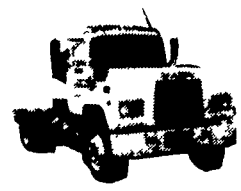

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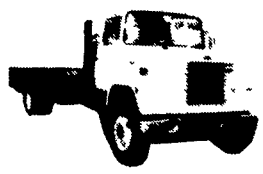

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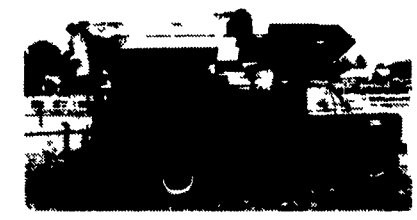

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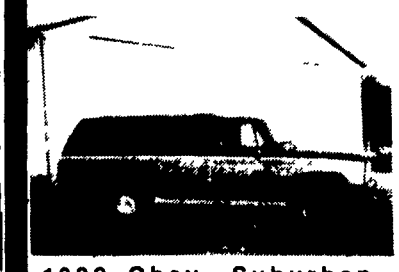

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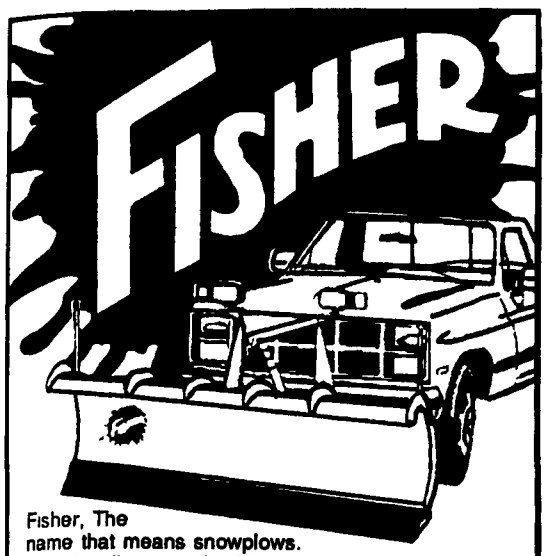

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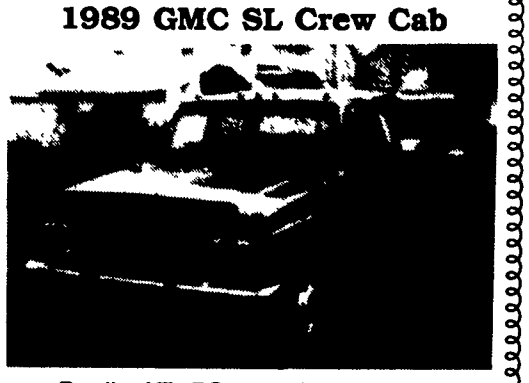

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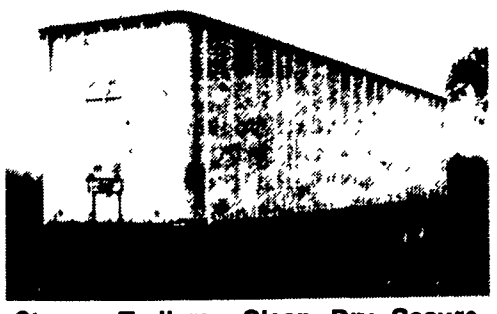

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1992 FORD CF-7000 CAB & CHASSIS
185 HP Diesel Engine•6-Speed Transmission•26,000 GVW•Power Steering•Air Brakes•AM/FM Stereo•189" Wheel Base•50 Gallon Fuel Tanks•Radial Tires•#F6221
$27,997
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New Holland Ford
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Route 23, New Holland

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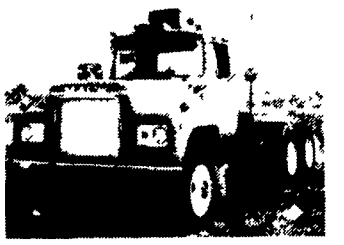
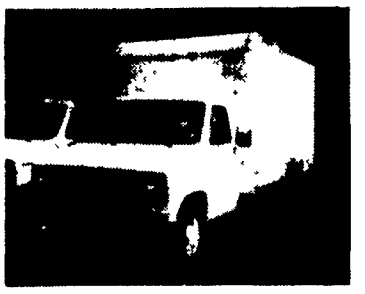
82 GMC 1 TON PICKUP 6.2L Diesel Engine, AT, PS, PB, A-1 Creampuff, Like New



78 R-MODEL MACK 5 Spd, 300 Eng., AC, New Paint, PS, PA Insp, 1 Owner

'81 MACK MIDLINER MS200, PA Insp., Will Take Up To 20 Ft Body, Quality Truck!



86 FORD E-350 VAN, 10,000 GVW, One Owner, PA State Insp., Duralite 12 Ft. FRP Body, w/Roll-Up Door, 2 In Stock
$6,500 ea.

'79 INT'L 345 Gas, Rebuilt, 5 Spd, 20 Ft. Morgan Body, Like New, PA Insp

'71 Int'L LOADSTAR, PA Insp, 35,000 Mi on Rebuilt Eng, Nice Truck

---

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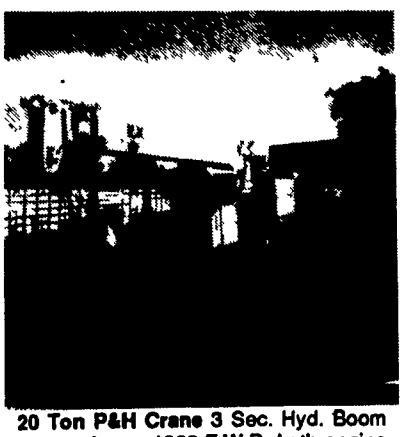
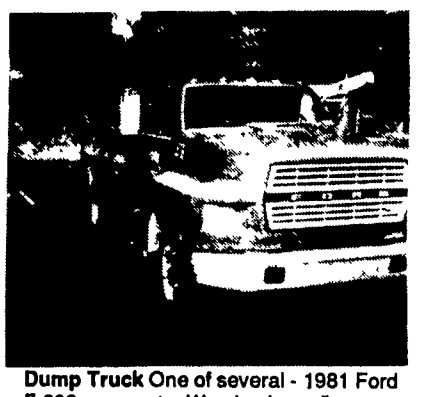
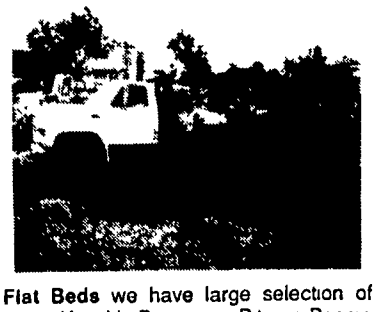


20 Ton P&H Crane 3 Sec. Hyd. Boom mounted on a 1968 F.W.D. both engine gas (new front 89), fleet maintenance.

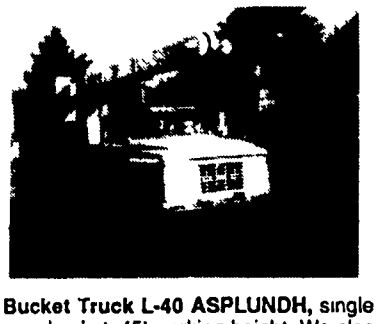
PRESSOR DIGGER Start your own business with this money maker. All wheel drive, Ford with highway digger, also rear mounted winch. Several to choose from, starting at $12,000.00. Pictured above.



Dump Truck One of several - 1981 Ford F-600, gas, auto. We also have five man cabs with dumps and air compressors.



Flat Beds we have large selection of them Knuckle Booms, or Pitman Booms with 11,000 pounds capacity, lift gates, 16'-20' beds all trucks inspected and ready to work



Bucket Truck L-40 ASPLUNDH, single man bucket, 45' working height. We also have L-36 Bucket, call for specs

HIGH RANGER 70' working height, two man bucket. this unit was fleet maintained. We have service records. Rebuilt engine 5/2 trans on Chevy Inspected

DIGGER DERRICKS/AERIAL BUCKETS/UTILITY EQUIPMENT

USED TRUCKS

1987 GMC Sierra Valley 4x4, Dually AT, PS, PB, Air, AM-FM, 454 Engine, Bedliner, Runs Great

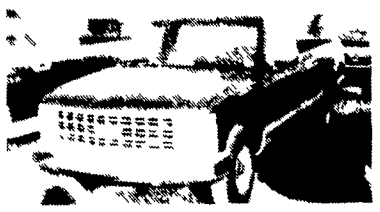
$10,500

1990 Ford F-350 Crew-Cab Dually, 7.3 Diesel, 5 Spd., PS, PB, AC, AM-FM Stereo Cass., Dual Tanks, 33,000 Miles

$16,500

1986 Chevy Dually Crewcab, Choo-Choo Custom, 454, PS, PB, AC, Auto, PS, PDL, Tilt Wheel, Cruise, AM-FM Stereo Cass, Rear Sliding Window, 46,000 Miles

$11,900



1988 Chev ¾ Ton Pickup, 350 FI Auto, PS, PB, AC, AM & FM Stereo, Two Tone Blue & Silver, 47,000 Miles

$9,400

Financing Available

New Location

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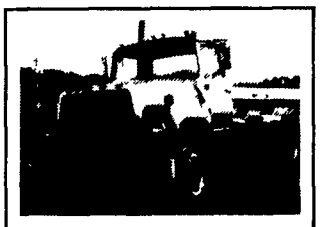
ALL UNITS MUST GO BEFORE END OF YEAR!

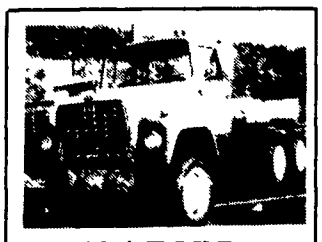
Prices Quoted Are Cost.



'74 FORD L800

Rebuilt 391 Gas Eng., 5/2 Trans., Air Brakes, 10x20 Rubber, 33,000 GVW, 204" Whlbs., C&C Only. #2075

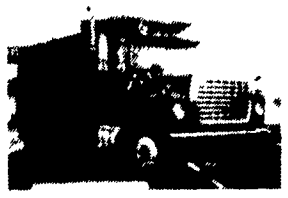
OUR COST **$5,500**



'85 FORD LNT 9000

300 Cummins, 9 Spd, 12,000 Front, 38,000 Rear, PS, 50,000 GVW, Hendrickson Walking Beam Susp., 192,000 Mi., 5th Wheel #3096

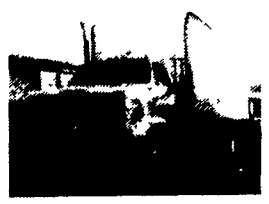
OUR COST **$15,185**



'85 FORD LT9000

Tandem Dump, 350 Cummins, Jake Brake, 16,000 Front, 44,000 Rear, Dbl. Frame, 58,000 GVW, 14 Ft. Steel Dump Body, Low Mt. #3104

OUR COST **$19,633**



'86 GMC TOP KICK

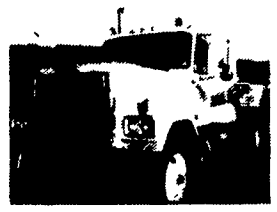
210 Cat, 10 Spd., Air Brakes, AC, 30,000 GVW, 24 Ft. Van Body, #3083

OUR COST **$10,715**

'86 GMC TOP KICK

210 Cat, 10 Spd, Air Brakes, AC, 30,000 GVW, New Gallion, 10 Ft. Dump Body, Hoist, PTO, #3084

OUR COST **$15,749**



86 GMC GENERAL

Tandem Sleeper, 400 Cummins, 13 Spd., PS, AC, 3 Stage Jake Brake, Polished Alum. Fuel Tanks, 36" Sit Down Sleeper w/AC

OUR COST **$17,490**

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1989 Chevrolet K-3500 extend-a-cab, 4 WD truck w/10' bed, 4' roof rack, 38,000 miles, 454 auto, air, loaded. Set up for pulling gooseneck or conventional.

1988 Ford Super Duty F-450 Truck, 5 speed w/OD, 460, 12' bed w/roof rack, 65,000 miles, set up for towing.

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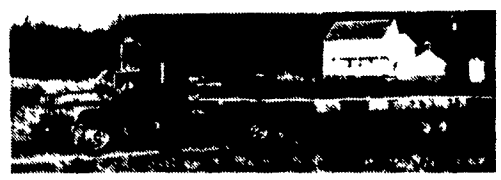

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1986 Ford F-700

8.2 Liter, 5+2 P.S., Air Brakes, 11R 22.5 Tires, Chrome Budds, Chrome Stacks

36" Rest-Right Sleeper, New Baby Blue Paint, First $12,000.00 Takes It!

42' Drop Deck Trailer, New Paint, 950x16.5 Tires $3,800 OBO

38' Double Drop, 8.25R15, New Floor. $2,750 OBO

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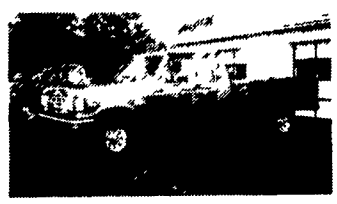


1990 FORD F150 4x4 SUPER CAB

302 EFI, 5 Speed, PS, PB, Air, AM-FM, Dual Tanks, Lock Out Hubs, 17,000 Miles, With Bal. Of Factory Warranty, Ex. Cond.

$13,500

1990 CHEVY 2500 HD ¾ TON

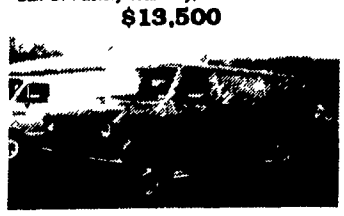
4x4, 350 Auto, PS, PB, 8600 GVW, Limited Slip Differential, 6,000 Miles, With Bal. of Factory Warranty, Like New

$13,500

1988 CHEVY 1500 ½ TON 4x4

4.3, V6, H.D., 4 Speed, PS, PB, 18,000 Orig. Miles, BLue, Local, 1 Owner, Ex. Cond.

$8,975



1990 FORD XL E350 CLUB WAGON

12 Pass., 351 EFI, Auto, PS, PB, Dual Air & Heat, AM-FM, Dual Tanks, Privacy Glass, Charcoal, Ex. Cond.

$11,500

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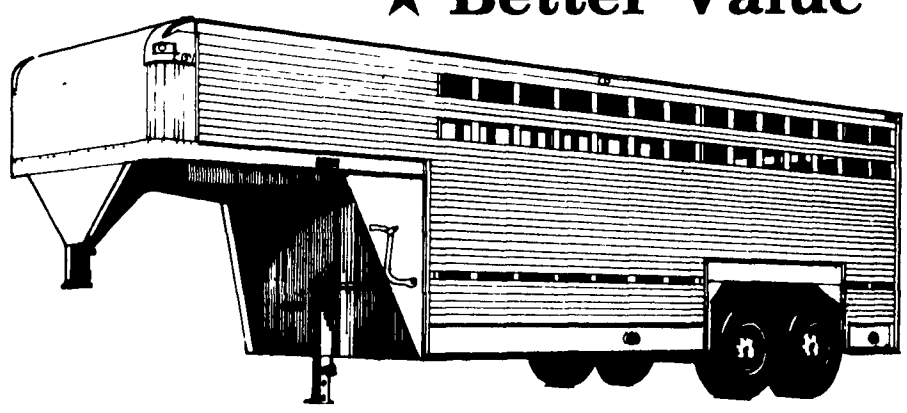
★ Better Built

★ Better Value



The Wrangler Model 2000-OH represents a new level of value in livestock trailers.

Its standard specifications, top-quality components and proven engineering are found in other Wrangler models. But the new 2000-OH is less expensive. By standardizing height and width and by limiting the number of optional accessories, Eby lowers the production costs for this model. Now you can get all our traditional craftsmanship in a top-value gooseneck.

Unlike other "budget" trailers on the market, the Wrangler 2000-OH achieves a price breakthrough without compromising quality. Consider these features, standard on the new Wranger 2000-OH:

- 7,000# Dexter Torque-Flex axles
- Steel-belted radial tires, 10-ply rating
- Aerodynamic, attractive design
- Sealed beam lights with enclosed, externally accessible wiring
- 2-year warranty

Specifications

- Available in 14', 16', 18', 20' lengths
- 7' Width
- 6'6" Inside height

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Western snow plow, power angle, brackets, good condition, $895 Call early mornings or evenings till 7 p m 717-949-3074 or 703-879-9926

Wolverine trailer, 24', pintle hook, 24,000 GVW, good condition, $3,500 (717)776-7542

1973 International pickup with plow, runs, needs body work Best offer (215)935-2607, (215)935-2050, (215)935-9432

1975 Ford Bronco, 6 way blade, 302 V8, PS, PB, auto, 21,000 original miles, $1800 Bucks Co , 215-348-2116

1972 GMC, tandem, 10-speed, 671 Detroit newly overhauled, excellent, 22' flatbed, $3500 607-292-3831

1973 Freightliner, CO, 903 Cummins, 9 speed, tandem, PTO, good rubber, $3500, 42' flatbed trailer, as is $300 717-532-9472

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Made In U.S.A.

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1 7/8" **$4.00**
2" **$4.50**
2 5/16" **$7.00**

PINTLE MOUNT
7" **$21.00**
12" **$35.00**

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2" to 10" Drop
$12.00 & Up

BOX HITCH
$20.00

GOOSENECK HIDE-AWAY BOX **$89.95**

UNIVERSAL PINTLE HITCH
$42.00
16,000 GVW

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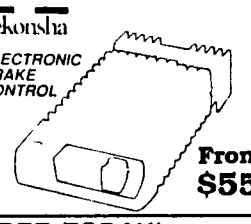
ELECTRONIC BRAKE CONTROL



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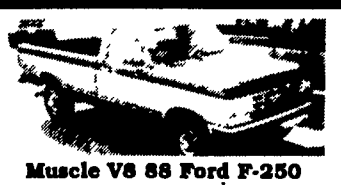
6.2 AT, AC, Silverado, Excellent Body, Probably Needs Head Gasket Sold As Is

Stake Body, 86 Chevy C-60
V8, 4 Sp, 44,000 Original Miles 18 Foot Bed, 19,000 GVW



Muscle V8 88 Ford F-250
460 Auto, AC, Tow Pkg., 8800 GVW, 39,000 Miles

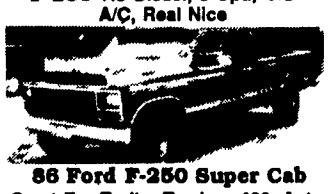
88 Chevy C-30 Stake Body Dump Truck 12 Foot Body, Dual Rear Wheels, Super Clean, Only 16,000 Miles

Put It On Your Truck
12 Foot Aluminum Box, Swing Out Rear Doors, Excellent Condition
$1,495

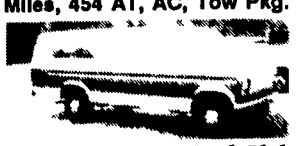
Diesel Stretch Cab 88 Ford F-250 7.3 Diesel, 5 Spd, O/D A/C, Real Nice

87 GMC 4 Door Dually Beautiful Southern Coach Conversion, 24,000 Original Miles, 454 AT, AC, Tow Pkg.

85 Ford F-350 Crew Cab Dually
XLT Lariat, 460, AT, AC, Very Nice



86 Ford F-250 Super Cab
Great For Trailer Towing, 460, Auto, AC, Dual Tanks, Very Clean



15 Passenger 87 Ford Club Wagon XL 351, AT, Tilt, Cruise, AM/FM Cassette, Frt. & Rear AC & Heater, 41,000 Original Miles

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83 Chrysler Lebaron 5th Ave. Edition Local, 1 Owner, 48,000 Original Miles, V8, AT, AC, All Power Options, Wire Wheel Covers, A Real Beauty

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Luxury At Its Finest, Beautiful Black Finish, V8, AT, Frt. Wheel Drive, Loaded With Comfort, 29,000 Miles

89 Chevy C-30 Cube Van
350 V8, AT, 33,000 Original Miles, 14 Ft. Aluminum Box

87 Chevy C-30 Dump Truck
Only 7,000 Miles, 350, 4 Spd, 10 Foot Thiele Lo Side Bed With Cab Protector

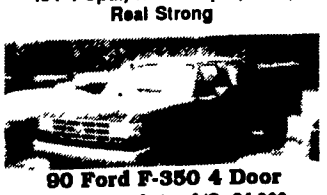
4 Door Dually 86 Chevy C-30
454 4 Spd., Runs Super, Nice, Real Strong

85 Chevy C-10
47,000 Original Miles, V8, AT, AC, Real Nice, Silverado Pkg.

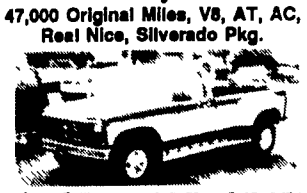
4x4, 85 Chevy C-10
Very Nice, V8, 4 Spd, A/C, Runs Great
$6,995

Diesel Power 91 Ford F-450
Super Duty Cab & Chassis, 14,500 GVW, 161 W/B, 84 C/A, Only 500 Miles

Diesel 4x4 Enclosed Utility Box
7.3 Diesel, AT, AC, Stetch Cab, A Hard To Find Truck

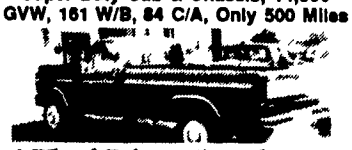


90 Ford F-350 4 Door
7.3 Diesel, Auto, A/C, 24,000 Miles, Ladder Racks, Tool Chest, Very Nice



Diesel Power 86 Ford F-350 Dually 6.9 Diesel, AT, AC, Tilt, Cruise, Dual Tanks, A Great Towing Machine.

Diesel Power 90 Ford F-350 Crew Cab Dually 7.3 AT, Lock-Out Overdrive, Dual Tanks, 20,000 Miles



4 Wheel Drive, 85 Ford F-250
XLT Lariat, V8, AT, AC, 60,000 Miles, Very Nice

35 TRUCKS & TRAILERS

16ft Tri-Star gooseneck dump trailer, 8x16, 40in metal grain sided w/20 ton dump, flip up cattle sides, heavy duty trailer, very good condition, $5200 717-235-3922 York Co

1963 International 1600 Loadstar tractor, 345 engine, 5x2 trans, $800 717-776-4321

1965 Jeep Wagoneer, 4x4, needs tuned up, possible for buyer to hunt on farm Huntingdon Co 814/627-5149

1969 Hill dump trailer, 26', 54" sides Asking $5500 OBO. Excellent condition, used mostly for grain 908-454-7231.

1972 Crane Carrier Chassis w/roll-off hoist, Cummins Engine, twin screw, 9 SP Fuller Road Ranger Transmission Excellent starter truck for grain processing farm, utilizing several grain containers so that field processing is uninterupted remainder of year Use flat bed/grain container/stake body or other bodies Northumberland Co $6,000 OBO Call 717/286-5628.

1970 Chevy 1 Ton Stake Body, 10' Bed, Runs Excellent
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'89 K-1500 P.U., 26,000 Original Miles
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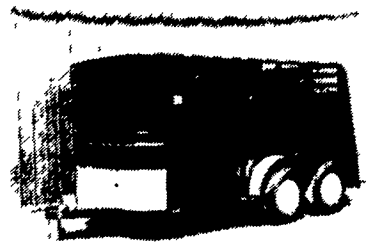
HOSTETLER LIVESTOCK TRAILER SPECIALS



Used 6'x6'10'x22' Moritz Gooseneck Livestock, One Slat Side Venting, 7000# Axles, Heavy Tires, Good Condition, Was $3595..... Now $3,300
6'x6'10"x12' Moritz Top Cat Series Bumper Pull Livestock Trailer, Rubber Torsion Axles, 7000# GVW, Electric Brakes All Wheels..... Only $2,495
6'x6'10"x16' Moritz Bumper Pull Livestock, 2 Slat Side Venting, 10,000# GVW, Electric Brakes, Divider Gate, Red....$3,390
6'6" Wide, 6'10" High, 16' Long Moritz Bumper Pull Livestock, 10,000# GVW, No Inside Fender Wells, One Slat Side Venting, Red.....$3,650
6'x6'8"x16' Kiefer Built Bumper Pull Express, 7000# GVW, White Spoke Wheels, Three To Choose From Was $3,250..... Now $3,100
6'x6'10"x16' Kiefer Built Renegade Bumper Pull Livestock, 6000# Axles With Radial Tires, Fiberglass Roof, Treated Pine Floor, Rubber Rear Bumper List $4,741..... Only $4,100
6'x7'x16' Kiefer Built Deluxe Aluminum II Bumper Pull Livestock, Fiberglass Roof, Rubber Floor Matting, Rubber Torsion Axles, Radial Tires.....Only $6,290 Now $6,000
Used 8'x20' Feather Lite Aluminum Gooseneck Livestock Trailer, Rubber Torsion Axles, Vacuum Hydraulic Brakes.....$7,500
New 7'x16' Feather Lite Gooseneck Livestock Trailer, 5' Tapered Gooseneck, All Aluminum Construction, 7000# Rubber Torsion Axles ..... Only $8,595
New 7'x7'x20' Feather Lite Gooseneck Livestock, Roll Up Rear Door, Double Swing Rear Door, Stainless Front, Extruded Aluminum Floor, Super Work Trailer..... Super Price $10,650
Call For More Trailers In Stock

Hostetler Truck Bodies & Trailers
Rt. 322 Milroy, PA 17063
(717) 667-3921

36 REAL ESTATE

Juniata County Income Property
#1 Four bedroom 2½ story brick colonial on 20 level fertile acres. 24 campsites can expand. 2 bedroom apt. & 12x60 mobile home rental. 96x48 bank barn. Possible Bed & Breakfast - Horse or Produce farm. Listed at $225,000.
#2 Two story 40x200 broiler house on ¾ acre, 25,000 capacity. Current contract. Check it out at $69,000.
Contact: Charlie Brooks
DENNIS E. BECK REAL ESTATE
Office: 717-627-2325 Home: 717-436-8431 (Anytime)

INDIANA AMISH COUNTRY
273 Acre Dairy Grain Farm near Nappanee and Breaman, Superior facilities for 75 to 100 cows, productive crop land, excellent area for farm markets, will divide.
Contact Keith Lineback, ALC
Lineback Realty
219/233-3740
Box 2701, South Bend, IN 46680

Horning Farm Agency, Inc.
Specializing In Public Auctions, Farms, Commerical & Residence
REALTOR®
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Contact
ALPHEUS L. RUTH
To discuss your auction needs!
Real Estate & Other For Terms
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FLEETWOOD, PENNSYLVANIA 19522
215-944-7543

CENTRAL VIRGINIA FARMS
290 gently rolling acs , 1 mile river frontage, metal shop, 4 grain bins, 3 BR brick home. Suitable for vegetables, small grain, horses or cattle. Also "Travelers Rest" Circa 1750 restorable home Buckingham Co $500,000
300 Ac farm, 60 acs bottom land, 72 acs pasture, 168 acs timber. 3 mile river frontage, long rd frontage, numerous river view building sites. Nelson Co. Owner/agent $400,000
Call James Wood
(804) 263-4371 Montague,
Miller & Co. (804) 263-5088

PORK & BEEF Processing Plant
Owner Retiring - Financing Available
PRIME TRI-STATE LOCATION
TURNKEY OPERATION
Federal Inspected & Approved
Room to Expand, Land, Equipment
R.C. BURKHEIMER & ASSOC.
Realtor & Auctioneers
1-800-233-4169

60 ACRES dairy farm in Upper Montgomery County, PA. 3,500' farm house w/in-law suite, good barn & numerous outbuildings. House has total of 8 BR, 4 baths. Pond. Private setting. Subdivision potential. 10 miles to Turnpike. First time being offered. $500,000.
Lechner & Stauffer, Inc., Realtors
1-800-227-3907 in PA or
(215) 679-9568
Call for color brochure

100+ ACRE DAIRY FARM
in Mifflin County. 80 A. tillable, balance mostly pasture. Mostly limestone soils, some Class 1. Large bank barn with 30 tie stalls, 16x65, 12x50 silos. Also 20x100 trench with concrete bottom. TMR mixer and covered feed bunk. Liquid manure pit. 40x64 machinery shed with 24' enclosed for shop. 4 bedroom frame house.
$185,000
717-899-6646

FOR SALE
EASTERN PENNSYLVANIA POULTRY FARM
Excellent cash flow from broilers. All housing in excellent condition.
Some owner financing available
Write: R-29
c/o Lancaster Farming
PO Box 609
Ephrata, PA 17522

Farm For Sale
95± acres, nice home, barn, private setting. A very attractive price
$260,000
Group Realty Associates
(717) 392-2449

FARM FOR SALE
140 acres farm located in Blair County, approximately 5 miles from Martinsburg, 100 acres tillable, 30 pasture, 10 timber, 2 houses, 45x80 barn w/a 16x45 addition, silo, 12x16 milk house, and various other sheds and outbuildings Suitable for either a beef or dairy operation. Clover Creek runs through farm, picturesque setting, priced to sell.
Call (814) 696-4347
Mondays thru Fridays 9-5 or
***(814) 942-9059* evenings and weekends**

SCHUYLKILL COUNTY, PA
Approx. 170 Acre Nursery and Christmas Tree Farm. Turn-Key Operation-Complete. Since 1946. Quality known nationwide
717/345-4952

SOUTHERN LANCASTER COUNTY
80 Acres
Amish Equipped Dairy Farm
54 acres tillable
14x40 silo
30 cow stalls
25 acres meadow with good creek
Nearly new double house
Call 1-800-346-0505 or 1-215-287-8888
Ask for Hiram Hershey, Broker or Tom Hershey, Realtor Associate
HERSHEY FARM AGENCY, INC.
1191 Sumneytown Pike, Harleysville, PA 19438

AUCTION SALE
SATURDAY, DEC. 21
10:00 A.M.
118 AC. FARM - 6 ROOM HOUSE - BATH - BARN & STABLE
Approx. 10 miles south of Hopkinsville, Ky. For more information call or write
STANLEY FRITZ REAL ESTATE & AUCTION
1506 S. Virginia St.
Hopkinsville, KY 42240
PH. (502) 885-3117
Nights: Stanley Fritz (502) 886-4216

$25,000 PRICE REDUCTION 187 Acre Farm in S. Tioga Co. 28 miles N. of Williamsport. Large 4 BR house, beautiful setting, 50 cow barn, 115 acres tillable. Assumable Farmers Home Loan @ 5% int. to qualified buyer. $249,900.

Town & Country REALTY
Dale K. Stoltzfus
Realtor Assoc.
250 N. Duke St.
Lancaster, PA 17602
Office 717/299-4885
Home 717/626-9157
Car 940-4412

ILLINOIS AND IOWA FARMS
WEST CENTRAL ILLINOIS FARM- 1023.00 acres, $1,026.00 per acre.
FARMLAND NEWSLETTER - Over 100 farms for sale in Iowa, Illinois, and Missouri. Member Iowa Farm Multiple.
Hertz Farm Management, Inc.
P.O. Box 500
Nevada, Iowa 50201
515-382-6596 or
1-800-593-5263
Hertz Farm Management

SOUTHERN LANCASTER COUNTY
6.9 Acres
Amish Equipped Chicken Farm
4 bedroom house, 30x40 horse barn, 2 chicken houses, 44x148
Good place to sell vegetables and eggs
Call 1-800-346-0505 or 1-215-287-8888
Ask for Hiram Hershey, Broker or Tom Hershey, Realtor Associate
HERSHEY FARM AGENCY, INC.
1191 Sumneytown Pike
Harleysville, PA 19438

35 TRUCKS & TRAILERS

Bittner Boys, Inc.
Quality Chevy V8 Motors for Cars, Trucks and Boats.
We Install And Deliver.
35 Years Of Experience
1 and 5 Year Warranty Avail-
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CHEVY MOTORS
New & Rebuilt
350, 366,
427, 454
6.2 Diesels
Rebuilt & Used
Will Install
Roll Back Service
(at cost)
717-762-6415

36 REAL ESTATE

Bedford County Farm, 160 acres, $140,000 low taxes. Call Coldwell Banker/Town & Country Real Estate, Joyce Dalton, 814/696-9280.

Broiler grow out operation modern; two 44x360 2 story houses, 100,000 total flock capacity, situated on 10 acres. 717-865-5654 after 6PM.

COUNTRY RETREAT, 145 acres, 2 acre pond house w/5BR, fireplace, satellite TV, adjacent 1600 acres PA Game Lands Respond to. P.O. Box 301, Selinsgrove, PA 17870.

DAUPHIN COUNTY- 310 acres farmland, will divide. Lykens Valley. 717-365-3898.

Dairy Farm for Rent in Penns Valley, Centre County, PA. 150 Acres. Christian K. Stoltzfus, RD2, Box-69, Spring Mills, PA 16875

ED SAXE REAL ESTATE, York Co Farms. Most offerings include houses, barns, outbuildings. (F229) 75 Acres $225,000. (F174) 25 Acres $239,900. (F110) 10 Acre Farm Estate $274,900. (F332) 30 Acre Poultry Operation, $325,000. (F128) 4.9 Acres $114,900. (F138) Historic (1840) House, 25 acres, $225,000. (F124) 89 Acres, Barn, No house, $175,000. (F144) 157 Acres prime development land, sewer, water avail. $558,000. (F143) 10 Acres, remodeled house, large barn, $159,900. Call 717/757-3539 Ask for Ed Saxe

Farm 65 acres, good water well, no buildiings. Clearfield County, PA. Reduced to $37,900. 814-674-8756.

Farmette for sale by owner -Yates County, NY. Near Mennonite settlement Dundee, NY. 3/4BR farmette w/27½ A, barn, stream on property, great for horses and produce, $64,500. 607-243-7670 for information or photos.

Farm needed- lease to purchase- from farmette to unlimited acreage- from Lancaster west into Lower Dauphin and Cumberland Counties. All other areas in PA considered. Replies welcomed (717)464-4135 MERKEY 825 Beaver Valley Pike, Lancaster, PA 17602

FOR RENT Dairy farm, 170 acres, 110 tillable, 30 fenced pasture, 70 tie stalls, 24x60 silo, home. (717)265-8263.

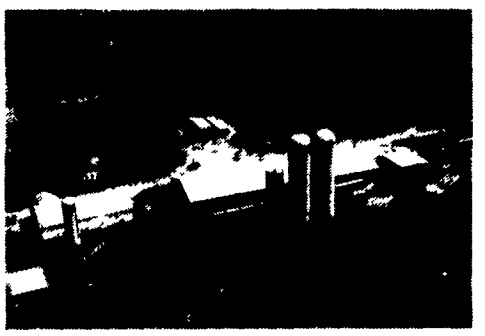
For Sale By Owner

320 Acre Dairy Farm, 210 acres tillable, 130 tie stalls and stanchion barn, silos-20x70, 20x70 and brand new 20x70, feed bunk, 3 unloaders, 4 barn cleaners, machine shed, large 4 bdr. home, 1,500 gal. Mueller bulk tank.

158 Acre Dairy Farm, 131 acres tillable, beautiful ranch style home, 2 story barn 36x120, 14x45 cement silo, brand new 20x70 silo, 40x90 round roof machine shed.

Contact
Blue Chip Elevators
Ray C. Liepke
Box 678, Hwy 29W, Abbottsford, WI
Home 715/229-2505 after 7 PM
Office 717/223-2389 8-5

Bradford County (Near Mansfield/Roseville)



52 ACRE DAIRY FARM WITH 2 HOMES AND 3 BARNS. 200 cow Penn State barn with 2 24x90 silos, additional acreage available. $160,000.

215-273-3761

THE AMERICAN DREAM
Restored farm house, barn, garage, 11 acres, 4 season property. Central to Ski Denton, Lyman Run, Cherry Springs, Ole Bull, Grand Canyon. Everything new, roof, siding, nat. gas furnace, well, satelite, four stalls, endless riding, tractor, new Bush Hog. House includes all appliances, stone fireplace w/insert, ceramic countertops, stained glass. On quiet township road, 1 mile to historic Germania. $89,000 OBO.
814-435-1097

MOUNTAIN LAND FOR SALE

735 very secluded acres. Bordered on 2 sides by 18,000 acres of State Game Land. Electric on property. Located between Snow Shoe and Pine Glen, Centre County, Pa.

Please call 814-625-2617
Between 8 to 9 a.m.
or after 5 p.m.

FARMS
CUMBERLAND COUNTY

Beef- Hog Farm 157 Acres gently sloping sandstone soil, 5 bdr. stone and alum. dwelling, 50x125 bank barn, implement building, silage storage, mountain stream. For details call Charles.

General Farm 100 Acres 6BR dwelling, bank barn, implement building, beautiful view of valley, road frontage. Call Charles.

32 Acre Farmette Western bank barn, 3 bdr Cape cod dwelling plus a double wide M.H. Beautiful view, spring. Owner will subdivide, call Charles.

Franklin Co. 86 Acre general farm, limestone soil, bank barn, 6 bdr. frame & log dwelling, spring fed stream, near Willow Hill interchange of PA Turnpike

Charles Wenger, GRI, 263-0945
Wilbert Diehl 776-7707
GEORGE L. EBENER & ASSOCIATES REALTORS
139 W. High St., Carlisle, Pa.
Ph. (717) 243-6195

FARM FOR SALE

140 acres farm located in Blair County, approximately 5 miles from Martinsburg, 100 acres tillable, 30 pasture, 10 timber, 2 houses, 45x80 barn w/a 16x45 addition, silo, 12x16 milk house and various other sheds and out buildings. Suitable for either a beef or dairy operation. Clover Creek runs through farm, picturesque setting, priced to sell.

Call (814) 696-4347
Mondays thru Fridays 9-5 or
(814) 942-9059 **evenings and weekends**

FOR SALE BY OWNER

120 Acre
Snyder County Farm
52 tie stall barn, bank barn, other out buildings, frame house with modern kitchen & 1½ bath.
(717) 743-8145

CUMBERLAND COUNTY

127 Acres m/l Central Cumberland County no buildings, approx. 90 acres tillable. $1535/acre.

FARM 77 Acres m/l, all tillable, good for dairy, cattle, crop, etc. Home converted to 2 units. Other outbuildings.

62 Acres m/l, 50 acres tillable, new 3 BR limestone rancher, pole barn 50x84.

Central State REALTY INC

Carlisle, PA
(717) 243-6400
Larry Bard (717) 243-1563

FARMS
SOUTHERN NEW JERSEY

WATERFRONT 480 ACRE Georgian Colonial Estate near Delaware Bay - Stow Ck. Twp. - 220 acres tillable, 80 acres woodland PLUS 180 acre inland bay adjoining Stow river - also includes guest home, 40x200 barn, 60x100 garage PLUS wildlife sanctuary! Deer, Wild Turkey, Pheasant, Quail, Ducks, Swan & Geese - Bag your limit with gun, camera, fishing line or crab trap! $875,000.

WATERFRONT Stow Creek Township - 23 acres (9 acres wooded high ground) balance water and wet lands ideal for ducks & goose hunters, trappers, fishermen, and boating enthusiast. Only $15,000!

VEGGIES 50 ACRES prime farmland + historical handyman special near Greenwich in Hopewell Twp. - 1900' frontage - adjoins lake & stream - $245,000.

MC LEOD
REAL ESTATE AGENCY
210 Landis Ave., Bridgeton, NJ 08302
(609) 455-4631

NORTH CENTRAL PA

Great hunting on this beautiful 106 acres, borders state land, small stream thru property. Asking $42,400 W-1160.

71 acres, excellent hunting, southern exposure, septic, open and wooded land, views. $51,000. W-1149.

Nice Lots For Sale: South of Gaines, Elk Township, bordering state lands, perc approved, headwaters of Kettle Creek. Call for details W-1151.

255 ac. dairy farm, 40 cow barn, glass pipeline, barn cleaner, silos, bulk tank, calf barn, heifer barns, corn storage, 4 bulk bins, lg 4 bdrm house + 2 bdrm mobile home, Exc. land, Century farm offering at $290,000. W-1113.

Koch REAL ESTATE

9 Cone Street
Wellsboro, PA 16901
717-724-3500

WIMPLE ASSOCIATES

EYE CATCHING Dairy of Distinction near Norwich; 220 acres of well-improved land, gently rolling with long road frontages. Barn is only 12 years old, has 70 ties, 2" pipeline, 1000 gallon tank, manure lagoon and TMR mixer. "Special" 4 bedroom colonial home with 2 full baths. Well worth $275,000.

ROCHESTER AREA DAIRY: well-kept Wyoming Co. 60 cow dairy with pipeline barn, 18x50 and 14x40 silos. Very nice 7 room home with 2 full baths and attached 2 car garage. 100 acres of good loam soils, 70 tillable. JUST LISTED! $160,000.

MORT WIMPLE ASSOCIATES
SLOANSVILLE, N.Y.
518-875-6355
FAX: 875-6749
FREE CATALOGUES

COLUMBIA CO.

#385 - 138 Acres +/- General Farm level acrage, 4 bdr. 2 story home, (3) newer metal outbuildings, streams, price in the $170's.

#372 - 169 Acre General Farm, secluded, borders state gamelands, handy-man 2 story home, 3/4 acre pond, price in the $200's.

#348 - 80 +/- Acre Christmas Tree Farm, 40,000 +/- Douglas Firs, handy-man house and barn, price in the $300's.

MONTOUR CO.,

#374 - Ornamental Tree Farm, 2 locations, 80,000 +/- trees, 191 acres +/-. 3 homes including newer 4000 sq. ft. owners home. $1.1 Mil.

ERA **Ambrosin Real Estate**
717/275-5711 or
1-800-326-9877

CENTRAL PENNSYLVANIA FARMS, FARMETTES, LAND AND CABINS

Our Farm and Land Division currently has many farms, farmettes, land parcels, and cabins available in central Pennsylvania. We would be happy to send you a free farm and farmette list and/or rural land and cabin list.

See the November 30 or December 28 Issues for a complete farm and farmette inventory.

Farm and Land Division

Fred Strouse	(814) 364-1705
Scott Yocum	(814) 466-3150
Terry Gingher	(814) 466-2118

KISSINGER LEONARD & BROWER Realtors

245 S. Allen St.,
State College, PA 16801
(814) 234-4000

NORTH COUNTRY ESTATE - Fantastic lay-out in this 16 room manor lodge featuring a huge living rm w/fireplace & swim spa, 5 bdrms, 3½ baths, 5 car garage, mother-in-law 1 bdrm apt., 96x36' horse barn, pond, all located on 100 acres of rolling hills w/panoramic views, surrounded by nature & protected by Radionics security/surveillance system. $600,000. W-199.

Century 21

WILKINSON-DUNN CO.
11 Central Avenue, Wellsboro, PA 16901
(717) 724-5921

36 REAL ESTATE

FOR RENT OR SALE St. Petersburg, FL, double wide home w/enclosed porch and car port, very nice park, has swimming pool and shuffle board plus recreation hall 717/243-1281

For Rent. Union County, 128 acre dairy farm, 58 free stalls, 2 large silos, heifer barn, maternity area, gravity flow manure, TMR setup. 717-568-0060 weekends

Hunting camp land w/ water well, 12 acres, great deer hunting Clearfield County, PA. $6,900. 814-674-8756.

Mennonite family would like to rent dairy farm in the Myerstown area for Spring of 1992 Contact (717)866-4919.

Millwork and General Contracting Shop: 9000 sq ft operating shop includes machines, trucks, wood inventory. 1A, rural town; Upper Dauphin County. Living quarters on property. $220,000. Write: Box R-52, c/o Lancaster Farming, POB 609, Ephrata, PA 17522

MOUNTAIN GROUND W/ LAKE: 10.4 WOODED acres with LEVEL building Site only $6900. Deeded Access to 100+ Acre Stocked Sportsmans LAKE -Great HUNTING, Allegany Co., NY -minutes to POTTER CO., PA $700 down- $76 43 per month, 12 5% int - 180 months Alma Pond F P. 717-784-9022

NEW YORK FINGER LAKES REGION, Onatrio County 300+ acre Dairy Farm Good productive soils, large barns, 4 bedroom attractive home with city water Housing developments in vicinity. North of Canandaigua, NY 100A Jim Moon 315-536-731, CENTURY 21 FOUR SEASONS 315-536-7456

Re-Max Premier Realty, Inc Crystal S McCall, 2300 S. Pine Ave, Ocala, FL 32671. 1-800-476-5055. Salt Springs, FL. A rare find. 2 lots on beautiful Lake Kerr, fishing, boating and swimming, 3 bdr., 2 bath mobile home with heat and air, laundry room, car port, workshop, oak shade trees, grape arbor, fruit trees, well and septic for additional home if desired Reduced to only $36,500 Call now, won't last!

Schuylkill County, 2 acres, 2,500 sq. ft. block garage, mobile home, $89,000 717/345-4020 evenings

WANTED 20/+ acres for residence, mostly wooded private within 45 minutes Chambersburg (717)261-1576

30 acre farm, beautiful view, good water well, no buildings. Clearfield County, PA $17,900 814-674-8756.

#412--- Along RTE 6 in Potter County -73 acre farm Victorian home with stone fireplace, 2 barns, outbuildings, spring fed pond, borders the Allegany river. Picture perfect setting. GOD'S COUNTY REAL ESTATE INC 116 N Main St, Coudersport, PA 16915 814-274-7640

4½ acres, stocked creek, 1985 mobile home, 55'x99' bank barn, 37'x90' heated building, concrete floor, $54,900 Exit 14 Turnpike. (717)349-7667

4 Bdr Brick Farmhouse, 10 acres w/barn. Southern Lancaster Co For sale or rent 717/548-3726

50+A, Juniata Co, farm/hunting-camp/vacation/residence, woods fields, streams, 3-BDR home, standard septic, barn, privacy, hunting, $95,000 00. 717/734-3528

EXTRAORDINARY DAIRY FARM

In Southern Lancaster County. 175 acres of level chester loam soil. 135 acres tillable, 35 acres pasture with stream, nice 5 acre wooded lot. Large stone stucco house remodeled throughout, 3 Harvestore silos, 1 cement silo, implement shed, hog pen, heifer barn. A must see property for $6,000 per acre. Call 717-464-4700.

DEVELOPMENT POTENTIAL

Almost 40 acres with frontage on a township and a state road. 2 Hr to Baltimore, 12 min to York, currently a profitable cage-layer operation. Call 717-464-4700.

VERY LARGE DAIRY BARN

And old stone house on 32 acres. Ajoins major highway, industrial zoning. Call 717-464-4700.

Century 21 AMERICAN HERITAGE

NEW LISTINGS

#1178 - A very good buy! Two story dairy barn, 74 stalls on 2" pipeline, 6 units, 1000 gal. bulk tank, area for heifers; one silo, lots of hay storage. Good seven room home. Land is nice, lays level, big fields, 175 acres, good alfalfa and corn ground. Located on quiet road, bldgs. same side. Priced to sell $155,000. $110,000 assumable mortgage.

#1174 - Chenango County River Bottom Farm - 90 acres flat very productive ground. Two story barn 56 tie stalls on pipeline. Two silos. Three bedroom ranch home. Would make a good vegetable farm or dairy. Price is firm. $165,000.

#1179 - Madison County - 400 acres, two story 80 tie stall barn, 3 silos, good 8 room home. Located on quiet road, bldgs. same side. A good farm. Owner is retiriing. $325,000. $125,000 down balance owner financing.

Ask for our free farm list. Make an appointment with Dick to see these good farms.

POSSON REALTY
R.D. #3, Norwich, N.Y. 13815
(607) 334-9727
1-800-334-4399

Lycoming Co.

Muncy Area 136 Acre Dairy Farm 52 cow tie stall barn, 3 silos, wagon shed, 4 bedroom house & more. This desirable river bottom farm must be seen to be appreciated. ¾ mile approximate river frontage. Buildings don't flood, high state of cultivation. Other farms available in Lycoming and Northumberland Counties. Call Fred Clark (717) 393-2437.

York Co.

270 ac. plus more available of young fruit trees and grain farm. This property is complete with Roadside market, packing and cooling facilities. The land is in high state of cultivation and very productive. Owners are selling due to their age however the trees are a long way from retirement as most are very young and productive. The fruit crop is very good this year and the fruit is good size. There is a pond and very good stream for irrigation and they are now pumping 500 gal. per min. from the stream. Call Sandy Leaman for a confidential showing and interview. @ (717) 393-2437.

Blair Co.

130 acre dairy farm in the Martinsburg area. This farm has a very good stream, some woodland, gentle slope and very fertile soil. Call Sandy Leaman for more info. @ (717) 393-2437.

Fred Clark is back again as a full time Real Estate agent and will be glad to work at selling your farm in any County. Call and ask for Fred.

"We will sell your farm at Auction or by Brokerage" Call for details.

SANFORD G. LEAMAN, REALTOR
1000 N. Prince St.
Lancaster, Pennsylvania 17603
(717) 393-2437 • Fax (717) 396-7143
1-800-836-8113

CHESTER COUNTY 75 acre farm in Western area of Chester County w/1783 4BR farmhouse, bank barn, machinery shed and other out buildings. Buildings set well back from road. Spring stream through pasture. Property suitable for cattle, horses or country estate. Asking $650,000.

PORTER & PAINTER Realtors
Exton, PA (215) 363-7700

HUNT & FISH within a few minutes of this 3-4 BR, 1½ ba. log home. Heat w/wood, gas or elec. Yr. round or vacation home. $34,900. M-509.

HISTORIC MANSION! Federal style w/widow's watch, grand strcse, wrap around pillared porch & 10 ac. $68,000. M-511.

BUILD YOUR DREAM HOME on one of these surveyed parcels of mostly wooded land, approved septic sites on 2 or 3. $1,000/ac. M-430.

PRIVATE COUNTRY SETTING. 1½ sty. contemporary, 28.66 ac/woods, 3 BR, lg. wrap around deck, fam. rm. $129,900. M-510.

ERA

ERA Homestead Realty
1 N. Main St.
Mansfield, PA 16933
(717) 662-3287

DELMAR RIDGE. Panoramic views, beautiful terrain & distinct country living, 2 mi. to Wellsboro. Homesites range from 2-13 ac w/undrgrnd utltys, restrctive covenants. Call for more info. W-632.

6 UNIT RENTAL PROPERTY. Rent 5 & live in the other. Country living & income too with 10+/- ac. $106,000. W-741.

3 BR 2 BATH HOME, 2 car gar w/loft, old barn & 3 half ac lots for $80,000. Without 3 half ac lots-$57,500. W-742.

MOBILE OR HOMESITE. 5.56 surveyed ac 2 mi from Wellsboro. R.O.W., public sewer permit already paid for. REDUCED! $25,300. W-743.

ERA

ERA Homestead Realty
23 East Ave.
Wellsboro, PA 16901
(717) 724-7161

CENTRAL PA ORCHARD
40 MI N/W OF HARRISBURG

2 farms consisting of 300 total acres, 110 acres in fruit, apples, peaches, pears and other fruit, 20 acres clear ready to replant, 20 acres in bldg sites and road ways, 150 acres in wood land some of which could be cleared for fruit or sold off as home sites or weekend retreats. Orchards and potential clear areas have good air drainage. Buildings include packing house, cold storage, 2 machine sheds, work shop, green house, 2 dwellings, 3rd dwelling optional. Very secluded with good public country roads to and through property. Owner will sell one or both w/ or w/out dwellings and w/ or w/out machinery and or equipment. Located only several miles from a major highway, therefore having potential for a farm mkt. These farms have potential for other agricultural purposes.

LARRY LONG REAL ESTATE
RD 2 Box 410
Port Royal, PA 17082
Ph: 717-527-4784

OPEN HOUSE!!!
SUNDAY, DECEMBER 15th
2 til 4 PM
R.D. #1 Beaver Springs

Join us at our OPEN HOUSE of this historic stone farmhouse, situated on one acre along Rt. 522N - western Snyder County. Includes 2-story summer kitchen, butcher bldg. & 4-bay garage. Ideal location for commercial venture...~~$70,000~~ OFFERED NOW AT $52,000.

10 Ac. Farmette in Mifflin County. Nice 3 bedroom ranch house with 7 rooms total. Young orchard, good spring water. Nestled in a small quiet valley. Offered at only $72,900.

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Properties In Somerset County

(3152) 400 acres of secluded mountain land, mostly wooded in Southern Somerset County. Great for hunting, hiking or as an investment. $135,000.

(3109) 157 Acres of fields and woods. Old farmstead with a house and barn. $109,000. Will divide into 50 acre parcels.

(3004) 150 acres of excellent hunting grounds, Northampton Twp. $150,000.

(2869) 227.7 acres of woods and fields which would make a perfect hunting preserve $95,000.

(2882) 450 acres surrounds you with a lovely pond and barn. 300 acres of timber, 100 acres of tillable land, balance of pasture. One mile from Yough Lake. $350,000.

(2903) 52 acres of peaceful countryside surround this mid-1800's two story four bedroom brick home where there's a pond and barn. $110,000.

A MEMBER OF THE SEARS FINANCIAL NETWORK

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PERRY COUNTY FARMS FOR SALE:

82 acres of beautiful western Perry County just outside Blain - country living at its best. Farmhouse and chestnut barn with other buildings. One-half mile road frontage. Development potential. Recently reduced to $150,000.

88 acres, 50 tillable, 5 BR farmhouse, barns and outbuildings. Desirable location near Kistler. Prime farmland. $197,900.

275 acres of magnificent, rolling land, attractive and well-maintained 3 BR. farmhouse, several barns and silo. Formerly cattle farm. Accessible location adjacent to Routes 22/322 near Newport. $425,000.

Dairy farm - 55 acres, 58 cow capacity; 800 gallon stainless steel tank; 18x60 Marietta silo; 10,000 bu. grain bin; bank barn and other buildings; stone farm house. Loysville R.D. $273,000.

ERA SYLVAN MANOR REAL ESTATE, INC.
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NYS BEST FARM BUYS

UNBELIEVABLE OPPORTUNITY! 200 acres, 3/4 tillable. Excellent soils for alfalfa. Bordered by small stream. Older 10 room farmhouse plus 120x40 pole barn ideal for sheep - livestock or storage. End of lane setting. Only $95,000. Terms available. F412

OTSEGO COUNTY: large level fields, 477 acres, 350 tillable. 125 cow tie stall barn. Several silos. Good 4 BR home plus newer modular home. Best dairy & crop area. Asking $325,000. C/E available. F379.

NEAR COOPERSTOWN in a beautiful country setting 170 acres bordered by Cherry Valley Creek. Operating barn for 50 head. Large equip. shed. Federal style 10 room home plus several outbuildings. Retiring owners. $139,000 F410.

PRICE REDUCED TO $275,000 380 acres with 250 tillable acres. Newer Cape Cod style home. Excellent free stall barn for 140 cows plus YS. 4 silos. Liquid manure system. Dbl. 5 parlor. This has to be the best deal around. Don't miss this one! F403.

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MODERN DAIRY FARM
Up to 120 head under 1 roof. 72 on pipeline in 3 rows w/3 box stalls on line. 2 barn cleaners discharging into 1+ year manure pit. Farm laid out in New Zealand style intensive pasture system. 20x60 silo w/ unloader. Approx. 128 acres w/adjoining lease ground avail. 10 rm. farm house. Some FmHA money. Near Wellsboro, PA. Just $209,500. M-925.

WALK TO STATE LAND
From this 47.51 acres within a few hundred feet of State Game Lands. Approved perc site for sewage system. Just $31,400 ($661 pe acre) M-844.

BORDERS STATE FOREST
1.3 surveyed acres bordering State in Union Twp. Approved sewage site on level wooded lot. Located between Bloss and Ogdensburg. Owner anxious. Asking $10,900. M-938.

FARM RESTAURANT COMBINATION
Tioga County farm set up for 56 mature cows in back to back tie stalls. More room for heifers. 3 silos w/unloaders. Approx. 154 acres mostly tillable or pasture. Dairy restaurant operation included w/fuel service. Good 4 bdrm. farm house. Some FmHA low interest money, if buyer qualifies. Just $179,900. M-902.

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PUBLIC AUCTION

205 Acres M/L Farm
Approx. 100 Tillable

Sat., January 11, 1992

12:00 Noon Sharp

Farm Locatecd: Beech Creek Pa. Clinton County. Beech Creek Township. Approx. 3 miles south of Rt. 150 at Beech Creek, Pa. Just 9 miles south of Lock Haven or 28 miles north of State College, Pa. Turn at Centre & Clinton County bridge (Rt. 150). Take next Rd. right travel approx. 2 miles (LOOK FOR AUCTION SIGNS).

Real Estate Consist of: (MAIN HOUSE) kitchen, washroom, double living room, 4 bedrooms, bath and attic, heated w/hot water, well water, fireplace, 4 car garage, 16x24 above ground pool and satellite dish.

Also on premises: (TWO RENTAL PROPERTIES) 12x65 mobile home, also a wood frame house w/double living room, kitchen, 3 large bedrooms. Heated by coal furnace, spring water.

Other buildings on farm include modern 44x80 pole barn suitable for beef cattle or horses, a 36x36 double corn crib, large open front implement shed, pig barn and other small buildings.

There is a stream on farm as well as several springs for animals.

Productive Farm, Excellent Hunting, Week End Retreat or Investment.

Located near Bald Eagle State Park also Near Amish Community also in the Keystone Central School Dist.

TERMS: 5% DOWN DAY OF SALE BALANCE DUE WITHIN 45 DAYS FROM DAY OF SALE.

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40 Acre Horse Farm For Sale Or Rent

50 Stalls, indoor riding horse barn, w/ wash room, office, restrooms and tack shop. Modern 5 bdr. farmhouse and 2 mobile homes on property. Outside show ring and board fence paddocks. Located in Littlestown, PA 1 mile from Maryland line. Former owners income in the 3 digit numbers.

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Northumberland Co.
208 Acre Dairy Farm with 145 tillable, 45 A pasture, 110 tie stall barn 8 years old, very good operating dairy farm.

Dairy Farm, 19 mi. N of Bloomsburg
99 Acre, 73 tillable, 53 comfort stalls, 20x60 Harvestore, 20x60 stave, bunk feeder, bulk tank, 4 BR frame house. $279,500.

Lancaster Co.
43 acres, 36 tillable, small area for pasture and woods. Fronts on Chiques Creek in West Hempfield Twp.

90 acre steer operation with stone home, outbuildings and silo, 30 acres M/L zoned R-1 located between Lititz and Manheim.

White Deer Valley
Dairy Farm, 77 acre, 34 tillable, 9 pasture, bal. wooded, 45 cows, 1 silo.

Call Harry Zimmerman
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Home: 717-355-2048
1-800-472-2641
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Working Dairy Farm
160+ acres in Bedford. 2 story farm house, bank barn, 2 silos, double wide trailer as rental - pond and more. Very nice view. Call for details. 2227-8

Blue Knob Area
Newly listed 190 acre farm. Supports 100 beef cattle per year. Springs and creek flow through property. 2 homes, 4 barns. Formerly a dairy farm. 2232-2

Motel
Large Motel in Huntingdon County. Net operating income $96,000+ High traffic count, 32+ units. Call Mike Scott for details. 2234-8

New Acreage Listings
Several tracts of acreage, some with timber, ranging from 2 acres to 900 acres in Blair, Bedford, Huntingdon, Centre, Clinton and Clearfield Counties. Some parcels as low as $150 per acre. Call for information.

Indiana County Opportunity
22 unit mobile home park. Very nice investment opportunity. Owner financing available. 2168-8

Flower Shop
Located in Major Central PA shopping mall. Asking $42,900. Good income, Call for details 2165-1

Bait Farm
Portage, Rt. 53. Retail bait store, 17 crawfish and minnow ponds, Brick ranch home. Several large outbuildings. Approximately 53 acres. 2181-8

Dairy Farm
124 acres, mostly tillable, brick house and barn in need of some repair. House would make a nice restoration project. Level open land some wooded. 2133-8

Osterburg Farm
This 42 acre farm includes a 3 bedroom house, a barn, corn crib, shed. Barn formerly used for hogs with automatic water system, heating system and feeding system. Priced to sell $69,500 1967-8

Business Opportunity
Convenience story type complex in lovely recreational area. Much potential - $650,000. 1981-C

Cambria County Opportunity
Six apartments, PA Liquor store, beauty shop, doctors office and other rentals. Asking only $89,900. 2197-8

Price Reduced
Bedford Business Opportunity. 5,000 sq. ft. automobile showroom or warehouse with heat and air conditioning. Two acres with road frontage along business Rt. 220. Near the Turnpike in Bedford. Asking only $145,000 2221-8

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- **Prime development lane** near Rt. 15 and 97 interchange. Gently rolling land w/ over 1 mile of road frontage. House and barn date to pre-Civil War. Come and see the 140 acres unspoiled by time. L-6305-04
- **Saddleup,** 35 acres of rolling pasture w/ streams, indoor and outdoor riding arenas, 55 stall barn, tack room and many more outbuildings. Large 2½ story w/5-BR, 2 bath. An exquisite property for horse lovers. L-6748-06/15.

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FOR SALE *(Highly Productive)*

Crawford County PA Dairy Farm

123 Acres tillable land (more available), 19 acres pasture and 175 acres of timber. 100 milk cow capacity.

Almost full scale push-button farming. 3 on each side milking parlor, individual side opening stalls with flush system and automatic take-off. Stainless steel 3" milk line, heated tile milkhouse, 2,000 gallon tank. Heated office has restroom with shower. Main barn area has 92 free stalls with mats, 3% slope to flush to concrete manure pit. Four feed lots have 2 conveyor units. Plus 10 ton grain bin and electronic scale mixer. Two (2) Seal Store silos (20x86 & 20x50) plus one silo (20x60) — all have bottom unloaders; 40x40 heated machine building with concrete floor, steel siding and roof. Garage & other buildings also included.

2 story Colonial house with built-in kitchen, dining room, living room with stone fireplace, full bath, 4 bedrooms, hardwood floor and full basement. Second has three bedrooms, kitchen, dining room & bath.

All mineral rights are sold with the property. At the present time there is one active natural gas well on the farm. The potential of this property is great.

JIM ANDERSON
Route 1, P.O. Box 1, Centerville, PA 16404
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130 LIMESTONE FARM -Dairy farm w/52 tie stalls, pipeline, 1000 gallon bulk milk tank, silos, other buildings, 3BR brick farmhouse. Good productive farm in heart of Cumberland County, PA. Call JACK GAUGHEN REALTOR, Dale Landis, 717-291-5921; 717-626-5875.

20 acres hilltop southern Lancaster County, great views, beautiful home site, $130,000. 30 acre parcel also available. Century 21/Pierce & Bair, call Patrick (215)932-5500.

21 acres w/spectacular view, large barn, mobile home plus 102'x96' greenhouse. Ideal for garden center, subdivision or horse farm etc. Business w/roots in NJ and PA optional. Located in PA 10 miles from Rt. 80 and Delaware Water Gap. (215)588-9573.

30 Acre Farm, includes all new buildings, house, bank barn, silo, outbuildings, good well, in Centre Co., ½ mi. N. of Woodward off Rt. 45, along Cemetary Road. Moses E. Yoder, SR 1, Box 104, Aaronsburg, PA 16820.

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301 ac.
livestock farm
with 168 ac.
excellent cropland.
Excellent buildings.
$1,162/ac

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Ken Baker
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150 Acre Farm, Upper Northumberland County. Barn and large house Dairy or beef. Spring fed stream. Edom soils 717/649-5945

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4 COUNTIES REALTY, INC.
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#128 - 224 Acre Hobby Farm mostly tillable - 10 acres wooded, good 2 story barn & 10 room house - 3 stall garage w/concrete floor - 2 wells & 3 ponds - property has pretty views of Mohawk Valley - ideal for horses, beef or sheep - very reasonably priced at **$160,000.**

#129 - 204 Acre Dairy Farm with 110 tillable - 36x180 ft. barn w/67 tie stalls, shop, storage bldg., 3 silos, milk house, grain bins & corn crib. Also good 3 bedroom house - productive, easy to work, level land w/shed. Brook running thru property. Very reasonably priced at **$190,000 bare or $375,000 w/cattle & machinery.**

#130 - 801 Acre Dairy & Crop Farms w/272 A. tillable - exceptionally well-kept properties w/3 homes, 3 barns, 5 machienry sheds & 3 concrete & 1 Harvestore silo - plenty of water w/3 ponds, 3 wells, 1 spring - this is an excellent opportunity for investment, or for someone interested in owning a beautiful dairy of distinction farm - offered at **$890,000.**

#308 - 350 Acre Dairy Farm w/262 A. tillable - 36x232 ft. 2-story barn for 160 head - 20x70 & 42x20 ft. Harvestores - also 20x50 ft. Unadilla silo - around the barn pipeline - 1,000 gal. bulk tank - feed room w/mixer for TMR - lots of water w/2 wells & 3 ponds - 8 room cape cod home, 7 room double-wide & 14x65 ft. mobile home on 3 Acres available if wanted. **$575,000 equipped or $325,000 bare.**

COUNTRY RAISED RANCH on an acre of land. 2 bedroom/1 bath on upper level and 1 bedroom and family room on lower level. 160 ft. well w/ pump 1 year old. Septic 3 yr. old and all plumbing 2 yr. old. Wood stove in lower level. Neat home for newlyweds or retirement. **$69,900** W. WINFIELD AREA.

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12x70 mobile home, 1974 New Yorker, 2BR, $1,000 Must be moved! (717)354-4403.

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Want To Buy Home or land with 10 or more acres in Mifflinburg or surrounding area. Call 717/547-6465

HUNTINGDON COUNTY PROPERTIES

Shirleysburg Area
Lovely 3 BR raised ranch -4 6 Ac Deer and turkey a plenty M564. $52,900

Calvin-Near Raystown
1 4 acre lot-Nice View - $9,900

Bedford County Property
61 acres - 15 acres cleared - Great Hunting. Private with view M477 - Accepting offers!

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Fulton County Properties

Clear Ridge - Hustontown
Very nice mobile with large garage, Fruit tees, view, ridge top setting M553 Offers please!

McConnellsburg-Reduced
4 BR, 2½ bath, very tastefully decorated, large lot, storage barn and many extras Must see to appreciate! M525 Great retirement area! $74,900.

Rockhill Road
5 Acres with 4 BR farmhouse. Will look at offers. M412 $68,900 Will look at offers!

Warfordsburg - I-70 Area
5 acres wooded and private. $19,000.

Needmore
19 acres, wooded, perked for std. septic, very nice setting M538 Can subdivide. Good hunting area.

Ft. Littleton Area
Lovely 3 BR rancher, large stream, picnic area, stable, 5 acres, many extras M451. $114,900

Needmore
9½ Ac Hilltop setting-private Mostly wooded M556 $17,000

Warfordsburg
Beef Distributor Business, good business opportunity M535 $55,000

Needmore
Excellent business opportunity USDA appr block slaughter/butcher shop M484 $35,000

Needmore-Warfordsburg
168 acres of wooded land, small stream, springs Ideal for seclusion and hunting M552 $117,600

Rt. 655 N. of Hancock, MD
20 acres, wooded and open, M584 $39,900
30 acres, wooded and open M585 $42,900

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ELLISBURG Jefferson Cty. Sturdy Victorian farm house, good small farm in a prosperous area, good soils, well drained land, 233 acres, 54 stanchions, 5 box stalls. $149,000.

JEFFERSON CTY.

PHILADELPHIA/Halls Corners Rd., house, barn, 5 bedrooms, 1½ baths, 220 acres, $89,900.

Glenfield, Lewis Cty. Good tract of 700 acres of work land on Blue St. with utilitarian set of buildings, 120 ac. pasture, 80 acres timber. $425,000.

RUTLAND Jefferson Cty. showplace farm, large house, excellent barn near Watertown, 100 ties and stanchions, good soils, 300 acres. $195,000.

COPENHAGEN - Deer River Rd. Lewis Cty. 8 room house, 14 year old barn, 180 acres, excellent crops, 6 unit pipeline, Harvestore, 2 barn cleaners, attached heifer barn $250,000.

SMITHVILLE Jefferson Cty. 13 room colonial house, 324 acres, barn 88 by 110 and 32 by 125 ft., 150 free stalls, double six herringbone parlor, pond, drainage well to moderately well. $250,000.

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44,000 capacity, Chore-time cages, 11 acres w/large trailer home. $100,000. 30% down, will hold mortgage.
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26 A, fencing, no buildings, great view, $177,500

Akron farmette, split level home, only 5 years old, excellent shape, 6 A, $295,000.

Modern Horse Barn w/23 stalls w/race track, plenty of fencing, 35A, Eastern Lanc Co., $224,000.

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This one-of-a-kind farm is located in an area of exceptional natural and scenic beauty, just west of New Ringgold. It features a professionally renovated farmhouse with ultra-modern kitchen, 3 bedrooms, 2 baths, fireplace, patio and breakfast deck overlooking a 1-acre stocked lake. Other buildings include a 1st-class caretaker's apartment and limousine garage, bank barn, thoroughbred barn, machine storage building, and a restored log cabin with fireplace and cocktail lounge. The land has a beautiful mix of tillable fields, pastures, woodland, picturesque stream and panoramic views. Excellent deer, bear and turkey hunting. This farm is the ideal country estate $495,000
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CENTRE COUNTY

NEW LISTING #5189FL 2 RURAL LAND PARCELS, 12.6 & 41.2 ACRES $49,500 AND $69,500
* Situated in Georges Valley between Spring Mills and Potters Mills
* Overall gently to moderately rolling topography
* These parcals have public road frontage, very nice settings and ideal farmette sites, 20 minutes from State College.

#5034FL 2 RURAL ESTATE SIZE LOTS APPROX. 19 & 20 ACRES $45,000-$42,500
* Situated in Georges Valley between Spring Mills and Potters Mills
* Gently to moderately rolling topography
* Each of these lots have very nice settings with extremely nice views. The land is all tillable on the 19 acre lot and mostly tillable on the 20 acre lot The 19 acre lot also has a potentially private setting for a home.

#5967FA GENERAL FARM STATE COLLEGE AREA $395,000
* Approx. 102 acres with 79 acres tillable, 12 acres pasture, 6 acres wood, 5 acres site and misc.
* 2½ story brick home built in 180[illegible] nice condition, 45x101' bank barn, with 25'x70' st[illegible] block garage, implement shed, 12'x40' silo
* Situated 8 miles from State College this farm has gently rolling limestone soil substantial public road frontage and approx 8½ % owner financing
* Well suited for bed & breakfast.

PENDING

#4823FL -RURAL LAND SPRING MILLS AREA $147,500
* Approx. 80 acres with 35 Acres +/- tillable, 13 acres woodland, balance pasture
* Intermittant stream, outstanding views, some subdivision potential

#2473 FB GENTLEMAN FARM, STATE COLLEGE - $350,000
* 26 Acres - 24 Acres highly productive, tillable plus 2 acres site
* 2½ story brick house with 3 finished floors and new cherry kitchen, and 2 story bank barn.
* Ideal for horses, only 3 miles from town

#3637FA-GREENHOUSE OPERATION CENTER HALL AREA $164,500
* 7 22 acres substantial road frontage on Route 144, substantial Sinking Creek frontage
* Approximately 10,900 square feet of greenhouse area plus headhouses and a sound 2½ story home
* This business has a very well established local trade approximately 14 miles east of State College. This property has been well cared for and is in good condition.

HUNTINGDON COUNTY

#3621FA - GENERAL FARM, WARRIORS MARK AREA $310,000
* Approx 371 Acres (131 acres tillable, 218 acres woodland suitable for clearing, 2 acres site, 20 acres woodland & misc.)
* 2½ story house w/most rooms remodeled
* Soils on tillable land are primarily Hublersburg silt loam & Morrison sandy loam. 218 acres of woodland suitable for clearing & farming are mostly Hublersburg silt loam, 2-8% slope. Hublersburg & Morrison both have excellent productivity potential. **Irrigation potential.**

#134 FA - RIVER BOTTOM LAND - ALEXANDRIA AREA - $99,500
* 55+ Acres (45 6 tillable, highly productive)
* Ideal for truck cropping and irrigation
* Situated in an excellent location for direct (roadside) marketing

CLINTON COUNTY
* Several excellent hunting camp land parcals, 10 to 50 acres in size, level topography wooded, near Sprool State Forest, $500 to $1200 per acre
* 127 acres joining Sproll State Forest, beautiful native trout stream, gently rolling topography, $57,300

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MICHIGAN

BARRY COUNTY - 175 Ac. Dairy Farm - 145 tillable, clean, usable facilities with large parlor, 20 miles north of Battle Creek.
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BOONE COUNTY - 820 Ac. Grain Farm - 800 tillable, has misc. bldgs. 5 miles east of Lebanon & 1 mile north of State Road 32.
CALL JAMES CLARK 317-659-4841

LaPORTE COUNTY - 678 Ac. Grain Farm - 637 tillable, has irrigation and 18,500 bu grain storage, 19 miles southwest of LaPorte, 3 miles south of Hanna
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LaPORTE COUNTY - 6,000 Ac INDUSTRIAL-RESIDENTIAL-AGRICULTURAL - 4 miles south of LaPorte on U.S. 35 & U S. 6 - has 3,104 ac leased cropland, 530 ac. leased pasture, 1,088 ac. in industrial tracts and 1,242 ac in woods and marsh leased with hunting permits
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60 Ac. Apple Orchard - 4 miles south of I-94 at Michigan City, has a nice home and fruit facilities.
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STEUBEN COUNTY - 200 Ac. Hog Farm - 6 miles west of Angola, has 200 sow capacity, farrow to finish confinement buildings, Harvestore, Slurrystore, and hoome 114 acres CRP, 7 8 acres tillable, 78 acres woods
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80 Ac. Hog Farm - 10 miles northwest of Angola, has 200 sow capacity, farrow to finish confinement buildings, 3 Harvestores, Slurrystore, tool shed and nice home. 63 acres tillable.
CALL BILL EARLE 219-982-8351

96 Ac. Development Tract, at Ashley city limits within .5 mile of I-69 on railroad. Has 30 acres tillable
CALL BILL EARLE 219-982-8351

NOBLE COUNTY - 244 Ac. Grain Farm - 222 tillable, located 6.5 miles southwest of Albion on Baseline Road.
CALL BILL EARLE 219-982-8351

WABASH COUNTY - 255 Ac. Grain Farm - 252 tillable, offered in three tracts, on S.R. 524 south of Lagro 3 5 miles.
CALL PAT KARST 219-356-1236

382 Ac Grain Farm - 361 tillable, 21 woods, 3 miles north of Wabash, just east of Speicherville.
CALL LARRY JORDAN 317-473-5849

JACKSON COUNTY - 314 Ac Grain Farm - 273 tillable, 6 miles northeast of Seymour just west of U S 31, seller willing to lease-back.
CALL DAVE BONNELL 812-378-0588

AUCTION CALENDAR
MICHIGAN-HURON COUNTY
DECEMBER 14, 1991 - 10:00 a.m. - 431 Acre Dairy Farm - 300 cow capacity, 382 ac tillable, located 5 miles North of Bad Axe. Cows and Machinery will also be auctioned.
SELLERS: Harold & Janice Kociba AUCTIONEER Mark Metzger
CALL RANDY HARMON 517-663-8666 for salebill

INDIANA - KOSCIUSKO COUNTY
DECEMBER 17, 1991 - 4:00 p.m. - 159 Acres, Cattle Farm and Building sites. Has two 3.5 acre building sites, home, cattle barn, and 2-Harvestores. Located 2.5 miles southwest of Silver Lake.
SELLERS: Rick & Lynette Van Cleave AUCTIONEER: Mark Metzger
CALL BILL EARLE 219-982-8351 for salebill

INDIANA - WHITE COUNTY
JANUARY 16, 1992 - 2:00 p.m. - 210 Acres, Grain Farm. Has 200 acres tillable, home, grain facilities, and tool shed. Located 2 miles east of Wolcott.
SELLER: James H. Jones Estate AUCTIONEER Mark Metzger
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4000+ acres for farming or development zoned from agriculture, residential to light industry. City water and sewer in the near future to over 1000 acres. Lots of road frontage on major highway. Former Seabrook Farm Frozen Food Processing Empire.

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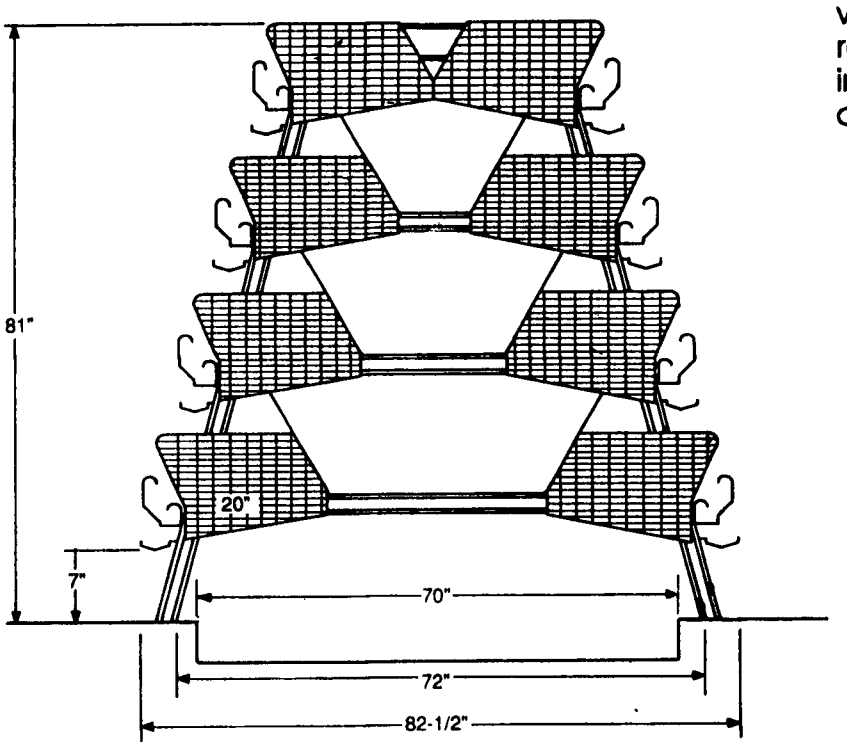

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Scotch Highland Breeders Host Show

HILTON, N.Y.— More than 80 animals competed in the annual fall show of the Northeast Scotch Highland Breeders Association (NESHBA). The 1991 show was held in Sandwich, New Hampshire in conjunction with the Sandwich Fair. This was the 11th NESHBA show and the first held in conjunction with a major State Fair.

Michael Gibson, past president of the Highland Cattle Society in the United Kingdom, served as judge. Michael still serves as the fieldsman for the Grampion and Highland regions of Scotland, responsible for bull selection and advice to breeders in those areas. His considerable knowledge of Highland cattle was put to the test with the best animals being brought in from seven states as well as from Canada. Twenty-four different farms and folds exhibited cattle.

The Saturday afternoon show was the highlight of the weekend for many of the thousands who attended the Sandwich Fair. There were many inquiries about the Highland cattle. A number of the outstanding animals were sold at private treaty either to start folds or increase bloodlines.

Supreme grand champion of the show was awarded to Nearach of Cnoc Eilidh. This 10-year-old cow was shown with her 8-month-old heifer calf. Judge Gibson commented that he selected her since the purpose of beef cattle was to produce beef. As a 10-year-old cow, she was in beautiful condition and her calf was also.

Bruce and Barbara Kerr of Goodwill Farm, Stirling, Ontario, Canada are to be congratulated. Nearach of Cnoc Eilidh was named champion cow-calf in the 1989 and 1990 NESHBA shows.

With the judging complete, exhibitors and NESHBA members attended a show dinner at the Tamworth Inn. Colin Davidson, host of the 1991 show, thanked the many people that made the show a success.

Awards were then presented to the exhibitors of the outstanding show animals. The "Dan Flynn Cup" was presented to Bruce and Barbara Kerr for showing the supreme grand champion. They were also presented with the "Dunvegan Farm Award" for the champion cow and calf. The Alasdair Limited Cup is presented annually to the grand champion bull, a 2-year-old bull from Drover's Hill Farm. DH White Gold was shown by William Lipsey of Earlville, N.Y. "Gilchrist Farm Award" is presented to the female grand champion. This year's winner was Davidson Heidi III, shown by Colin Davidson of Ward Hill Farm, Madision, N.H. Get-of-sire was Zanthos of Swains Fold, exhibited by Crop Kohl of Georgeville, Quebec. The premier exhibitor was chosen based on points awarded by animal placing. The 1991 premier exhibitor was Ted Robbins of Trafalgar Square Farm, North Pomfert, Vt.

On Sunday evening, Michael Gibson presented a talk on beef marketing. He farms 1,000 acres of land, running more than 450 head of cattle and 700 head of sheep. He markets these animals through his own butcher business.

Following is a list of show placings.

DIVISION I

Intermediate Heifer Calves 5/1/91 and after: Champion: Gemmini of Gordon's Fold, Gordon's Fold; Reserve: Pitcher Mt. Sweet Kate, Pitcher Mt. Farm; 3. Davidson Suzanna, Ward Hill Farm.

DIVISION II

Junior Heifer Calves 1/1/91 - 4/30/91: (Class A) 1. Keljoasan Amberly, Keljoasan Fold; 2. Goodwill Ambrosia, Goodwill Farm; 3. Ridge Top Starlight, Ridge Top Farm. (Class B) 1. Goodwill Argyle, Goodwill Farm; 2. Trafalgar Xenia, Trafalgar Square Farm; 3. Heifer Calf, Brae Maple Farm. Champion: Keljoasan Amberly, Keljoasan Fold; Reserve: Goodwill Argyle, Goodwill Farm.

DIVISION III

Senior Heifer Calves 9/1/90 - 12/31/90: Champion: DH Wendall's Orfhlaith, Drover Hill Farm; Reserve: Silver Dawn, Northridge Highlands; 3. Gilchrist's Andrea II, Gilchrist Farm.

DIVISION IV

Intermediate Yearling Heifers 5/1/90 - 8/31/90: (Class A) 1. DH Katherine's Princess, Drover Hill Farm; 2. Trafalgar Wellgrande, Trafalgar Square Farm; 3. Ridge Top Gravity, Ridge Top Farm. (Class B) 1. Gilchrist's Isabelle II, Gilchrist Farm; 2. Swain's Zebrina, Swain's Farm; 3. Mary of Pitcher Mt., Pitcher Mt. Farm. Champion: Gilchrist's Isabelle II, Gilchrist Farm; Reserve: DH Katherine's Princess, Drover Hill Farm.

DIVISION V

Junior Yearling Heifers 1/1/90 - 4/30/90: (Class A) 1. DH Stirling Rose, Drover Hill Farm; 2. Lady's Katie Skamp, Hawk Ridge Highlands; 3. Gilchrist's Karina, Gilchrist Farm. (Class B) 1. Swain's Zorita GBB3Z, Swains Farm; 2. DH Crimson Stirling, Drover Hill Farm; 3. HRH Zepher, South Down Farm. Champion: DH Stirling Rose, Drover Hill Farm; Reserve: Swain's Zorita GBB3Z, Swains Farm.

DIVISION VI

Two Year Old Heifers 1/1/89 - 12/31/89: (Class A) 1. Megan, Fall Homestead. (Class B) 1. Davidson Heidi III, Ward Hill Farm; 2. JE Yule Hawkridge, Cedar Haven Highlands; 3. Kiyiwana Lass, Kiyiwana Farm. (Class C) 1. Keljoasan Yule Thanks Keljoasan Fold; 2. Barbara Gaolach of Talbot, Goodwill Farm; 3. Taffy, Fall Homestead. Champion: Davidson Heidi III, Ward Hill Farm; Reserve: JE Yule Hawkridge, Cedar Haven Highlands.

DIVISION VII

Grand Champion Female: Davidson Heidi III, Ward Hill farm.

DIVISION VIII

Reserve Champion Female: JE Yule Hawkridge, Cedar Haven Highlands.

DIVISION IX

Champion Cow/Calf: Champion: Nearach of Cnoc Eilidh, Goodwill Farm; Reserve: Wyntoun, Hawk Ridge Highlands; 3. Ridge Top Candy, Ridge Top Farm.

DIVISION X

Intermediate Bull Calves 5/1/91 and After: Champion: Pitcher Mt. Sir Arthur, Pitcher Mt. Farm; Reserve: Trafalgar Xerses, Trafalgar Square Farm.

DIVISION XI

Junior Bull Calves 1/1/91 - 4/30/91: Champion: Goodwill Argus, Goodwill Farm; Reserve: Dunvegan's Dirk Dultum, Dunvegan Farm; 3. Dunvegan's Mac An Luin, Dunvegan Farm.

DIVISION XII

Senior Bull Calves 9/1/90 - 12/31/90: Champion: Zues of Swains GBB Z13 Swains Farm; Reserve: Dunvegan's Mahogany Mac, Dunvegan Farm.

DIVISION XIII

Intermediate Yearling Bulls 5/1/90 - 8/31/90: Champion: Davidson Jock 1st, Ward Hill Farm; Reserve: Dunvegan's Dandy Dan, Dunvegan Farm; 3. Straw Hill Buster, Burnt Mountain Farm.

DIVISION XIV

Junior Yearling Bulls 1/1/90 - 4/30/90: Champion: Zoanthros of Swains, Swain's Fold, Reserve: Trafalgar Wotan, Trafalgar Square Farm; 3. Kiyiwana Big Red, Kiyiwana Farm

DIVISION XV

Two Year Old Bulls 1/1/89 - 12/31/89: (Class A) 1. DH White Gold, Drover Hill Farm; 2. Trafalgar Vincent, Trafalgar Square Farm; 3. Dunvegan Lochiel Laddie, Dunvegan Farm. (Class B) 1. Gilchrist's Garfield, Gilchrist Farm. Champion: DH White Gold, Drover Hill Farm; Reserve: Trafalgar Vincent, Trafalgar Square Farm.

DIVISION XVI

Grand Champion Bull: DH White Gold, Drover Hill Farm.

DIVISION XVII

Reserve Champion Bull: Zues of Swains GBB Z13, Swains Farm.

DIVISION XVIII

Supreme Champion of Show: Nearoch of Cnoc Eilidh, Goodwill Farm.

DIVISION XIX

Get of Sire: Zanthros, Swains Fold.

PREMIER EXHIBITOR

Ted Robbins, Trafalgar Square Farm.

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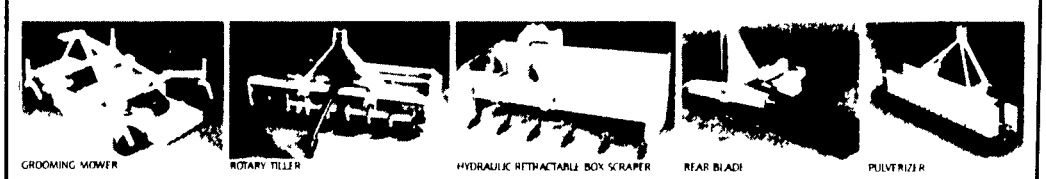

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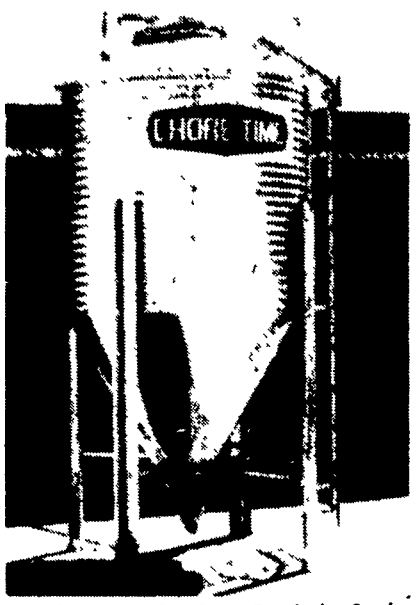

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System Pinpoints Nonpoint Source Pollution

UNIVERSITY PARK (Centre Co.) — Researchers at Penn State are using Geographic Information Systems to rank areas in Pennsylvania by their potential for producing nonpoint source pollution.

"The rankings developed by this project will be used to identify critical watersheds in Pennsylvania that have the greatest agricultural nonpoint source pollution potential, and where the maximum water quality benefits from implementation of irritigation programs are possible," said Dr. James M. Hamlett, assistant professor of agricultural and biological engineering. "The information can then be used to guide future nutrient management programs and allocations for the State Nonpoint Source Management Program."

Identifiable and locatable pollution sources, such as factories with effluent streams or sulfur dioxide-releasing smokestacks, are considered point source polluters. Pollution caused by runoff from agricultural land, suburban areas, and forests is classified nonpoint source because no individual site is the cause of the problem.

"Most of the information we needed for this project was already available, but we had to key it to geographic location and build up the individual layers to see the whole picture," said Hamlett.

Geographic Information Systems manipulate information both visually and numerically. They can incorporate information from various layers and visually show the results on a map.

The researchers created seven layers for this project. The first layer, the boundaries of the 104 watersheds, was adopted from the State Water Plan of the Pennsylvania Bureau of Water Resources Management. The next level, land use, was accessed from the U.S. Geological Survey's (USGS) Land Use Data Analysis program.

"This land use data did not differentiate between crop land and pasture," said Hamlett. "We arbitrarily set everything on a slope of less than 1 percent and greater than 15 percent as pasture and left the rest as crop land."

A third layer indicated the topography and was also drawn from USGS data. Soil information from the Soil Conservation Service's State Soil Geographic Data Base made up the fourth layer.

The animal density, used to determine nitrogen loading from manure, was taken from the U.S. Census Bureau for 1987 and made up the fifth layer.

"This data set caused a slight problem because it was organized by zip code, while the other data sets were provided by county or watershed," said Hamlett. "We had to do some matching of zip codes to watersheds to make this layer work with the others."

The final two layers, precipitation and rainfall-runoff factor, were developed by ZedX Inc., a commercial firm specializing in databases for agricultural decision making. The precipitation layer was a combination of 24-hour and monthly precipitation information.

The rainfall-runoff factor, or the erosion index layer, was derived from average annual and regional cumulative erosion indices.

To rank the watersheds, the team used four indices — the Sediment Production Index, which assesses erosion and sediment delivery to streams; the Runoff Index, which predicts potential to produce surface runoff; the Animal Loading Index, which ranks potential manure nitrogen production from livestock; and the Chemical Use Index, which ranks potential for pollution from commercial chemical applications to agricultural land.

Each of these indices was derived from a combination of GIS information. The Animal Loading Index, for example, comes from the animal density layer, number and type of animals and, the expected manure production spread over the watershed.

In each of the 104 watersheds, these four indices were weighted either for all land or only agricultural land and added together to produce the Agricultural Pollution Potential index. The watersheds were then ranked.

"Looking at the rankings, its not surprising to find the number 1 and 2 watersheds in the Lancaster area," said Hamlett. "These are intense agricultural areas with high animal populations.

"In some other cases, we may have a high ranking because the topography is incredibly steep, producing large amounts of runoff and sediment, even if there are no animals and little nitrogen or phosphorous loading."

Results of this one-year study were presented to the Pennsylvania Department of Environmental Resources. The GIS layers developed for the project at Penn State's Office for Remote Sensing of Earth Resources can be used for other studies and additional layers can be added to answer other questions.

The research team included Hamlett; Dr. Gary W. Petersen, professor of soil genesis and morphology and co-director of ORSER; George M. Baumer and Douglas A. Miller, research assistants, ORSER; Rick L. Day, department of agronomy; and Joseph M. Russo, research scientist, ZedX, Inc. The team plans to use data collected in the Susquehanna basin to verify the information generated using the GIS. They will compare the watershed rankings determined by actual values to those determined by the GIS and verify that the rankings match.

Hamlett believes there are improvements and additions that can be made to the program.

"We were asked to do agricultural land assessment, so we really didn't consider urban land and its runoff and nonpoint source pollution potentials," he said. "We also did not consider runoff from acid mine drainage throughout the state."

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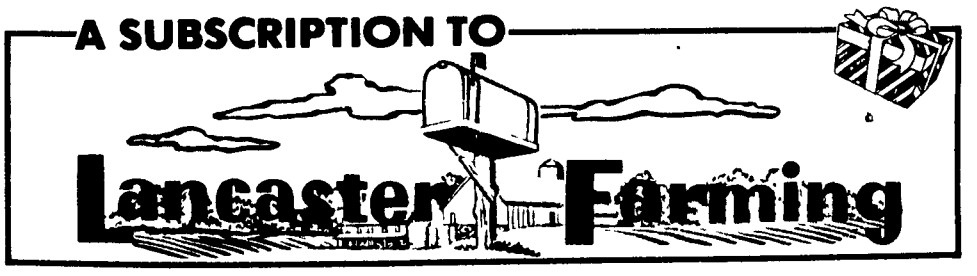

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dhia Pennsylvania Dairy Herd Improvement Association

Monthly Report

September 1991
Rolling Herd Average

Name	Breed	No. Cows	Lbs. Milk	Lbs. Fat	Lbs. Protein
R.V. & S.V. Hollenshead	B3	137	26,741	1007	847
Stone Hart Farm	B3	123	22,496	757	718
Robert E. Harwood	3	116	23,108	858	710
Doug and Barb McCulloh	B3	103	22,388	753	707
Glenn & Mike Daugherty	3	132	21,935	729	703
Rohart Farms	3	157	21,328	781	686
Roger A. Negley	B3	66	21,853	724	677
Mike Flannery	B3	89	21,189	760	673
Stephen J. Mellott	B3	124	20,754	771	672
Edwin R. Eby	3	84	20,728	779	662
W.A. Hall & K.M. Horst	3	60	20,607	758	662
James & Nina Burdette	3	69	20,574	768	660
Meyers Bros. Dairy	3	171	21,371	775	659
Daryl R. Crider	B3	97	20,920	772	656
Myr-Lea Farms	3	57	19,651	666	652
Ivan D. Horst	3	111	20,939	759	650
Carl O Stuff	3	56	20,419	746	648
Eugene L. Martin	B3	82	20,244	734	646
Lee B. Worthington	B3	142	20,113	761	645
Clement Halderman	B3	31	19,581	767	656
Harold Goshorn	G3	86	20,257	718	645
Ernest & Anna Bert	3	52	20,864	735	644
Walnut Stuff Holstein	3	25	20,598	764	642
L&M Horst Farm	B3	126	19,932	714	641
Daniel D. Eberly	B3	91	20,351	695	641
Oakleigh Farms	3	121	19,565	764	641
Roger & Ruthe Benedict	B3	102	19,766	727	634
Spring Haven Farm	3	75	19,986	643	632
William C. Ile	3	95	20,436	712	632
Marcus & Chester Martin	B3	90	200,045	721	632
Dennis W. Bricker	B3	41	19,616	712	629
C Richard Locke	B3	88	19,267	780	628
Aldus Eby	B3	84	19,994	693	624
Fred E & Dale Rice	3	214	20,037	757	623
Burk Lea Farms	3	187	19,835	658	622
Mervin & Rachel Frey	B3	60	19,462	741	622
Mt. Pleasant Farms	B3	162	20,336	747	622
Antrim Way Farm	3	97	19,724	725	621
Rebeken Farm	B3	109	19,395	722	621
Statler Farms	G3	250	20,283	720	619
Kenneth L. Lehman	B3	58	19,561	670	616
Mark & Alan Meyeres	3	92	19,471	721	618
Keeners Dairy	3	127	19,085	738	617
Titus H. Martin	B3	75	18,994	730	617
H Robert Mumma	B3	120	19,833	702	616
Stanley J. Helman	3	69	19,370	670	615
J Eldon Crider	3	61	18,953	677	613
Hamilton Height Farm	B3	209	19,103	695	613
Culbertson Green Farm	3	115	20,386	725	612
Gerald R. Martin	3	77	19,845	671	610
David Hurst	B3	75	19,783	718	610
Jeffry L. Martin	B3	86	19,816	619	610
Lynn Frey	G3	48	19,843	707	610
Dale Wadel	B3	85	18,675	716	608
Roger Beck	3	77	18,397	795	608
Lawrence Lehman	B3	86	18,859	660	606
Kenneth L. Baldner	3	33	19,020	752	605
Rodney Hawbaker	B3	52	18,898	674	605
James C. Witter	B3	232	18,491	678	603
Joseph S. Middour	B3	123	18,296	691	603
Beidel Brothers	3	111	19,400	735	602
Garnet Eshelman Jr.	B3	45	18,395	682	602
Gary & Roy Kendig	3	76	19,050	666	601
Robert Mellott	3	43	19,088	674	600

Lactation Report

Stoners Hijos Hill Remy	GH	4-03	305	24,324	835	903
Meyers Bros. Dairy 475	RH	6-03	305	27,287	885	942
Robert E. Harwood 200	RH	3-03	305	28,635	823	883
James C. Witter Bell	RH	8-04	305	25,105	843	862
Lady	RH	4-03	305	24,664	810	1027
Glenn & Mike Daugherty Ruby	RH	6-04	305	28,256	901	623
Nornie	RH	6-03	305	28,237	928	993
Wilma	RH	6-10	305	29,524	932	1024
Neva	RH	4-06	305	23,369	830	879
Ami	RH	3-02	305	31,851	1008	809
Mike Flannery 96	GH	4-05	305	24,510	815	863
James & Nina Burdette Ross	RH	3-11	305	25,125	817	841
Doug & Barb McCulloh 59	RH	5-10	301	27,645	805	1068
Rogert A. Negley 43	GH	6-11	305	30,450	875	789
48	GH	7-02	305	26,603	832	958
Edwin R. Eby 179	RH	3-11	305	24,593	830	925
185	RH	3-09	305	26,058	857	1092
192	RH	3-02	305	25,092	891	1121
Gerald R. Martin 79	RH	4-08	305	28,222	834	952
Stone Hart Farm Robbie	RH	6-03	305	26,513	864	873
Myrtle	RH	4-04	305	25,549	808	848
Pontiac	GH	3-04	305	27,381	838	844
Pearl	RH	2-11	305	23,640	816	851
Spruce	GH	3-03	305	24,221	806	874
L&M Horst Farm 3	RH	8-00	300	25,140	831	865
David Hurst 2	RH	3-02	305	26,625	811	849
Lee B. Worthington 220	GH	5-03	305	28,421	860	977
233	GH	5-01	305	27,961	919	990
Rohart Farms 140	RH	6-02	305	31,357	936	784
163	RH	6-01	305	29,628	863	1013
24	RH	3-01	305	32,919	867	918
Mt. Pleasant Farms 137	RH	3-11	305	27,882	889	1160
Statler Farms 140	GH	3-04	305	27,451	838	962
208	GH	3-02	305	28,006	880	959

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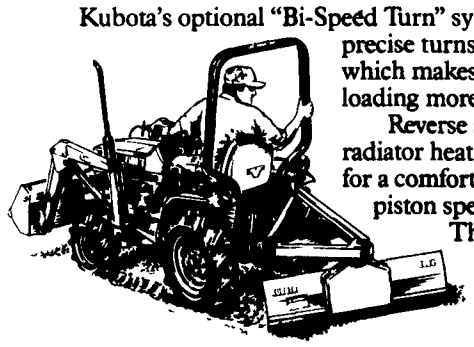

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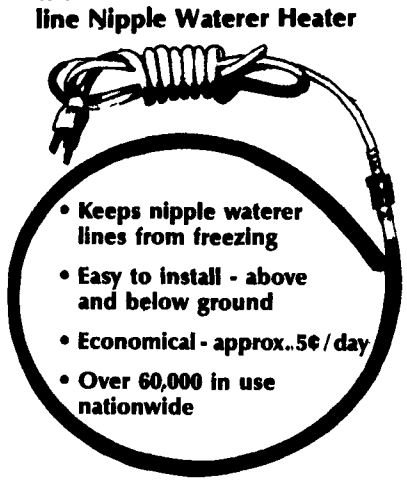

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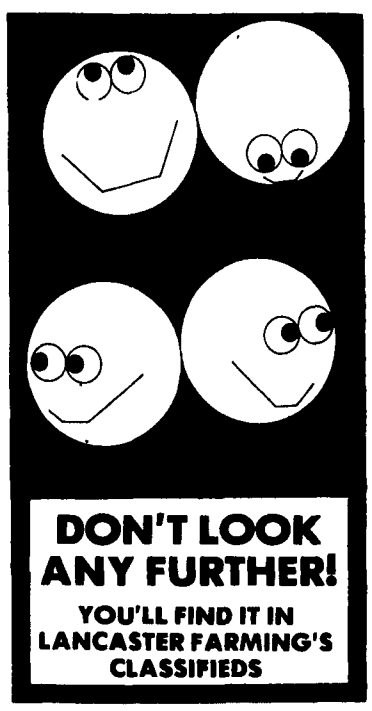

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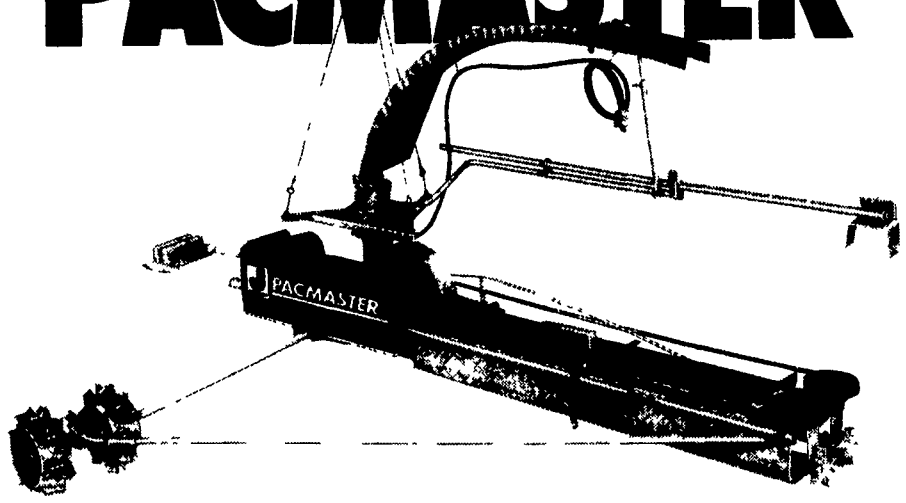

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JUDY PATTON
Union Co. Correspondent

At Wildwood Valley Farm in Lewisburg, the Pennsylvania Dairy Herd Improvement Association (Pa.DHIA) mastitis management program is an integral part of the tender loving care given to each cow.

As a result, Steve and Ruth Sanders won second place in Pa.DHIA's first award program for the most improved low somatic cell count in 1991.

Somatic Cell Counts (SCC) are a measure of the quality of the milk and an indication of the health of a milking herd. Infections of the udder raise the number of somatic cells which are released into the milk. The lower the number, the healthier the herd. One cow with a high SCC can raise the count of the entire bulk tank milk, decreasing its value.

Therefore, management techniques which prevent the spread of the various forms of mastitis are useful in creating a profitable dairy.

During the past year, the Sanders had a 35 percent improvement in their average SCC linear score, reaching a score of 2.6. Their herd's average raw county of 74,000 put them in first place in Union County.

In addition to getting more milk from having a low SCC, the Sanders receive a quality milk bonus from their milk cooperative, Dairylea.

At the end of the year, Dairylea Cooperative Inc. sends a bar graph which shows the monthly raw counts and linear scores. At Wildwood Valley Farm, the bar graph reported excellent-range results almost every month.

The Sanders herd has been on the Pa.DHIA mastitis program ever since it started, so Ruth and Steve have monitored their 18 registered Holsteins and two Jersey closely.

During lactation, any cow whose county goes up is immediately tested by culturing milk samples to determine the cause. The cow is then treated. Cows that chronically have linear scores of 4 or above are culled.

Because the Sanders are "natural" farmers who don't use antibiotics, they are on the "Impro" mastitis program. A month before drying off the cow, they send a culture sample in to the company lab.

When they get their results, they treat with an injection of "Impro," a whey product, into the vein of the tail. The culture and treatment (as required) series is repeated at least twice — two weeks before freshening, and on the day of freshening.

Even in the worst summer heat, the Sanders have maintained a 35,000 SCC. How?

During the summer, the cows are kept in the barn during the day and are left to pasture over night.

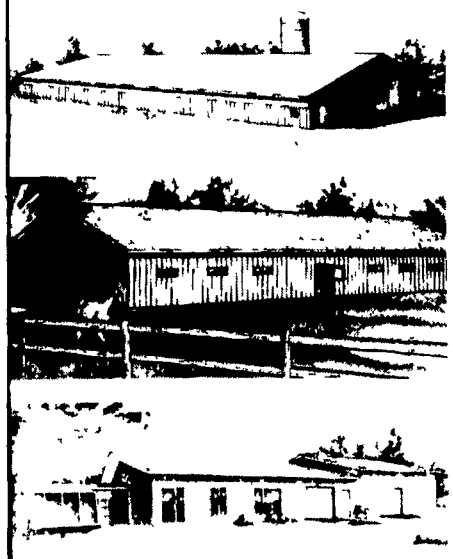
Also, while in the barn, the bedding is either newspaper or straw.

The couple milks three times a day, and Ruth sprays the teats with a Chlorohexadine dip before milking and dries them with a paper towel. After milking, she applies to the teats the same spray, but with glucose added.

The setup in the barn and milkhouse is based on two vacuum pumps — one runs two bucket milkers and the other operates the dumping station. The milking system is sanitized before each milking, and the units are completely taken apart for thorough cleaning every morning. Inflations are replaced every other month.

The current rolling herd average for the Holstein herd is 20,830 pounds of milk, 813 pounds of fat, and 639 pounds of protein. Ruth and Steve took over the farm six years ago from Ruth's father, Ray Yerger. Ruth's grandfather bought the farm in 1927. The Sanders worked as breeding technicians before farming.

AGWAY BUILDINGS



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Berks County Holstein Club Meets

FLEETWOOD (Berks Co.) — The Berks County Holstein Club held its annual dinner meeting at Fleetwood Grange recently to update members on the club's activities and recognize members and juniors on their accomplishments.

President Luther Davis welcomed all members and guests, who were served a ham dinner.

Those winning awards this year included Tim and Teresa Kissling of Hiddenview Hosteins, Robesonia, with a county high B.A.A. of 106.9.

Also, the Berks County club holds a cheese sale for a fund raiser and the high cheese salesperson this year, selling 1,450 pounds, was Connie Troutman of Reu-Hel Farms in Mohrsville..

Martin and Darlene Younker of Red Fever Farms in Fleetwood, and their family received a gift for having hosted the annual summer picnic. Glenn and Brenda Howard of Oley also received a gift for having the Jr. Holstein Field day at their farm this past summer.

Two junior members were awarded silver trays for being Berks County's Distinguished Junior Member award winners. They were Scott Youse of Oley and Melissa Werley of Hamburg.

Several junior members were also recognized for the outstanding accomplishments of their cows in the production contest.

Gregory Davis of Kutztown won for high milk, fat, and protein in the 2-year-old division with his cow Marcy and a production record of 2-6, 304 days, 22,462 pounds of milk, 762 pounds of fat and 708 pounds of protein.

Jason Troutman won for milk and protein in the 3-year-old division with his cow Smurfette and a record of 3-2, 305 days, 25,968 pounds of milk, 828 pounds of fat and 837 pounds of protein.

Receiving awards for production contest winners are Erica Davis, Jason Troutman and Gregory Davis.

Erica Davis of Kutztown won the 3-year-old fat division with Ballerina and a record of 3-5, 303 days, 24,926 pounds of milk, 993 pounds of fat, and 797 pounds of protein.

Leslie Nirschl of Mohrsville won the 4-year-old milk, fat, and protein contest with Glory and a record of 4-2, 305 days, 28,902 pounds of milk, 1,045 pounds of fat and 923 pounds of protein.

Erica Davis won the 5-year-old and older catagory for milk, fat, and protein production with her cow Mary and a record of 6-1, 305 days, 32,575 pounds of milk, 983 pounds of fat, and 1,011 pounds of protein.

Entertainment for the evening was a skit presented by Rachel Hartman who is serving as our 1991 Berks County Little Miss Dairy Princess. J & R Music Co., a barbershop quartet, also presented a program.

New directors voted in for 3-year terms on the board were Donald Stoltzfus, Morgantown; James Younker, Fleetwood; and Dennis Sattazahn, Womelsdorf.

To finish off the evening a bake sale was held of items baked by members and their wives. All proceeds from the bake sale went to benefit the dairy princess milk promotion program.

High B.A.A. winners in Berks County are, from left to right, Tim and Teresa Kissling. Club President Luther Davis presents the award.

New directors of the Berks County Holstein Club are, from left, Jim Younker, Donald Stoltzfus, and Dennis Sattazahn.

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VERNON ACHENBACH JR.
Lancaster Farming Staff

MARTICVILLE (Lancaster Co.) — Concerned that local elected officials may not fully understand agricultural and landowner needs when forming zoning ordinances, a core group of landowners and farmers in a southern Lancaster County township has formed an advisory-lobbying group.

It's called the Martic Township Farmers Association.

The purpose: To help review the proposed zoning ordinance as it affects agriculture and property owners' rights, and to further mutual understanding by residents of local issues.

"It's a local association to help the Martic Township Planning Commission and the Board of Supervisors recognize and respect rights of residents and landowners," said Donna Rineer, resident landowner and press liason for the newly formed association.

The group is not affiliated with any other agricultural association, despite the name which is suggestive of affiliation with the Pennsylvania Farmers Association. It is in the process of filing for non-profit status.

The main reason for the formation of the citizen watchdog group is because Martic Township officials are in the process of revamping its zoning ordinances.

Proposals from the zoning board thus far have met with opposition from those who have formed the Martic association.

"A lot of the farmers consider themselves to be down-zoned," said Rineer. "(Their land was) taken from residential into agricultural (zoning). Also some of the agricultural definitions we consider either too vague or too strict."

The change from residential to agricultural zoning reduces the selling price of the land, because restrictions would prevent using the land for urban housing developments.

Rineer said that the definition of an agricultural district was not in line with what many considered fair. "We were questioning the (proposed restrictions on) livestock management, production, buildings, setbacks, landuse and classification. We want them to make the rules consistent with our way of life," she said.

During the group's first meeting, held late November at the Martic Township Municipal Building, 32 people signed on with the association and a slate of officers was selected.

Ed Herrman was named president, while Guy Campbell was made vice president. Frank Pieffer was named secretary and James Hostetter was made treasurer.

Also formed was an agricultural advisory committee, which would function as a sounding board for township officials contemplating changes to ordinances. Appointed to the committee were John Best, Guy Campbell, Ed Herrman, Charles Hess, David Hess, John Wiker, and Eugene Frey.

Rineer said the group is, "Looking for input from residents and the farming community as to what they would like to see proposed in a zoning ordinance.

"I'd like to see more involvement by local people in the township. So many times they say we don't like it, after its done. I want to see this association serve the township by getting more people involved in local decisions."

According to Rineer, "There are no dues. We pass the hat for collections during meetings."

Applying for membership isn't difficult. Anyone in agriculture or agribusiness is eligible. Also, those who may own a farm in the township, though not a resident, are also eligible.

The next meeting is to be held Dec. 17 at the Marticville United Methodist Church, located on Rt. 641, also called Marticville Road.

Scheduled to speak during the next meeting is freshman Rep. John Barley, who is to speak about proposed nutrient management legislation.

Barley is known for his opposition to the legislative proposal because it would be handled by the soil conservation districts. Barley had made his own proposal for nutrient management, parts of which were included in legislation currently being considered by state lawmakers.

However, Barley wanted the state Department of Agriculture to handle any nutrient management program.

The districts are a multi-parent agency organization. Barley has repeatedly objected to that agency's handling of nutrient management because the Department of Environmental Resources is one of several parent agencies to the conservation district.

Also, the Conservation District Commission, a multi-interest board chaired by the secretary of DER, is the directing agency over the state's conservation districts.

Barley has expressed fear that DER would cause farmers excessive problems because of its ties to the conservation districts.

For more information, call Rineer at (717) 284-3400.

Federal Farm Labor Seminar Set

ITHACA, N.Y. — On Wednesday, January 29, during the 1992 New York State Vegetable and Direct Marketing Conferences at the Riverside Cenvention Center, Rochester, N.Y., the U.S. Department of Labor's Wage and Hour Division will hold a "Federal Farm Labor Enforcement Technical Assistance Seminar," chaired by Doris D. Wooten, regional administrator.

It will be held from 9 a.m. to 12 noon in the Exchange Room of the adjacent Holiday Inn/Genesee Plaza. Those wishing to attend this session may do so separately from the conference at no charge.

The seminar, designed for farm agricultural employers, will consist of a short briefing about the Migrant & Seasonal Worker Protection Act (MSPA), the Fair Labor Standards Act (FLSA), and H2A Workers under the Immigration & Nationality Act. It will be followed by a question and answer session on issues of concern to those attending.

Since the Wage and Hour Division enforces the majority of the labor statutes that must be complied with, this is an opportunity to voice concerns and ask questions about who is subject to these laws, what employer rights are during an investigation, what information about wages and working conditions employers must give to employees, recordkeeping, recruitment of migrant agricultural workers, and how information about these regulations might be better communicated to employers.

The combined 1992 New York State Vegetable and Direct Marketing Conferences are being held on January 27-29, 1992 and are cosponsored by the NYS Vegetable Growers Association Inc., the Empire State Potato Club Inc., the Direct Marketing Conference Planning Committee, and Cornell Cooperative Extension/NYS College of Agriculture and Life Sciences. Complete conference programs, registration, accommodations, directions, and parking information may be obtained from county offices of Cornell Cooperative Extension or by calling the NYS Vegetable Growers Association office at (607) 539-7648.

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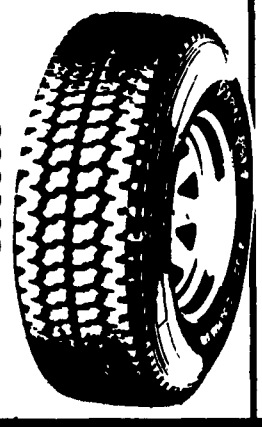

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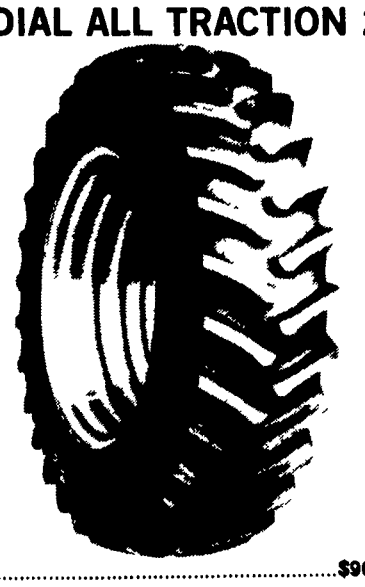

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Dairylea Co-op Elects Committee

SYRACUSE, N.Y. — Clyde Rutherford of Otego, N.Y., was re-elected president of Dairylea Cooperative Inc., for his 14th term, at the cooperative's 1991 Annual Meeting.

Rutherford and his wife, Jeannette, operate a 500-acre dairy which produces 1.5 million pounds of milk annually. He is currently a member of the Executive Committee and chairman of the Dairy Stabilization Committee Task Force of the National Milk Producers Federation.

Regionally, Rutherford is chairman of the Northeastern Farm Policy Council, vice chairman of the Board of Directors of Atlantic Processing Inc., and a member of the Executive Committee of the Regional Cooperative Marketing Agency.

In addition, he is a director and member of the Executive Committee of Empire Livestock Marketing Cooperative Inc.

Four other members were elected to Dairylea's Executive Committee.

Dairy farmer Silas Eakins of Potsdam, N.Y., was re-elected first vice president.

Eakins operates a 2,OOO-acre dairy where he milks 300 cows with an annual milk production of nearly 7 million pounds. He and his wife Thelma have been Dairylea members for 37 years.

In 1976, Eakins was first elected to the Dairylea Board of Directors and then to the Executive Committee. He has served as first vice president since 1988.

In addition to his Dairylea responsibilities, Eakins has been chairman of the New York State Soil and Water Conservation Committee. He also served on the USDA Advisory Committee for six years and served as a board member of O-AT-KA Milk Products Cooperative Inc.

Currently, Eakins is a trustee of the Miner Institute and serves as a director of Empire Livestock Marketing Cooperative Inc.

Raymond Diebold of Altoona, was re-elected second vice president and secretary. Diebold has served as a Dairylea district director for 12 years and has been a member of the Executive Committee since 1981. He farms 175 acres in Altoona with his wife, Judy, and three children, Kenneth, Kevin and Karen.

The Diebolds are active in several agricultural and community organizations. In 1987, they were chosen as Blair County Farm Family of the Year by Cooperative Extension and the Pennsylvania Chamber of Commerce. Additionally, Diebold is a member of the Altoona/Blair County Farm/City Week Committee, and serves on the Agricultural Advisory Committees to Sen. Robert Jubelirer (R-Altoona, Pa.) and Dr. Lamartine Hood, dean of the College of Agriculture at Penn State University.

Dairy farmer James Madigan of Towanda, Pa., was re-elected treasurer.

Madigan and his wife, Terri, manage a 170-Holstein herd, including 90 milking cows. They have two sons, Jason and Byron.

In addition, Madigan serves as a district committee member of the Northeast Dairy Farm Beautification Program. He is also a member of Agway Inc. and Farm Credit.

Locally, Madigan serves as a director and vice president on the Troy School Board.

Warren Beardsley of Fairport, N.Y., was re-elected assistant treasurer of Dairylea Cooperative Inc.

Beardsley manages a 145-Holstein herd and is a member of New York Farm Bureau, Agway Inc., and the Dairy Herd Improvement Association. He is also involved in the Health Foundation and the Dairy Council, both in Rochester, N.Y.

In addition, Beardsley is a director of O-AT-KA Milk Products Cooperative, Inc. and represents Dairylea as a director on the board of Upstate Milk Cooperatives, Inc. Beardsley is a director of the Western New York Bargaining Organization and is a New York state district director of the American Dairy Association and Dairy Council, Inc.

Beardsley is assisted on his farm by three of his sons, Lenny, Larry, and Donald.

Members of Dairylea's executive committee are, from the left sitting, Warren Beardsley and James Madigan. Also members are, from the left standing, Silas Eakins, Clyde Rutherford, and Raymond Diebold.

Feed Up To 25 Calves With Less Work

ELK GROVE VILLAGE, Ill. — Westfalia Systemat announces an automatic calf feeding system that means high tech dairying. Now calves can be fed a physiologically correct amount of fresh milk portions with less labor. The automatic calf feeder has one nipple in the stall that can handle approximately 25 calves.

Using a computer, the dairyman, veal or calf raiser decides with a nutritionist what the optimum amount of milk or replacer will be for each individual calf. Then keys in that ration amount to the calf. The calf identified by the responder on its neck, gets only that specified ration. At any time the owner can have a list printed out of the calves and their eating habits.

A calf steps into the feed stall and is identified by its responder. If the calf is entitled to feed, the feeder is activated. Water is prewarmed to drinking temperature and then flows into the mixing container. Then milk or milk replacer is measured into the mixer. The portion is thoroughly mixed. The calf sucking on the nipple receives this mixed portion. When the calf has suckled this amount, the transceiver checks the responder number again. If the calf is allowed more milk, then it is freshly mixed and dispensed. The total feed is portioned into multiple feedings throughout a twenty-four hour period completely controlled by the computer.

The calf feeders can use either whole milk, pickled colostrum, or powdered milk replacer.

Calves can now be grouped and fed correctly when only a few days old. Their sucking urge is satisfied by the nipple feeder, the need for separation of calves is eliminated.

This computerized calf feeder should lead to improved growth rates, with greater feed efficiency and reduced labor.

For additional information, contact Westfalia Systemat, 1862 Brummel Dr., Elk Grove Village, IL, 60007.

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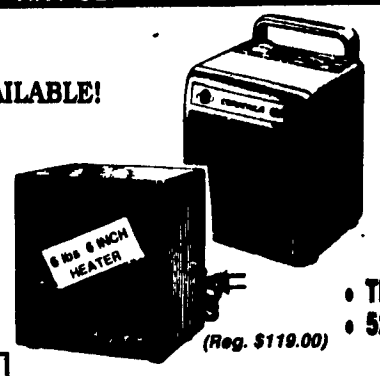

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Top Reproduction Manager Says Breed Back Early

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Lancaster Farming Staff

ZELIENOPLE (Butler Co.) — Ronald Lutz is one of eight members of the Pennsylvania Dairy Herd Improvement Association (Pa.DHIA) who tied as the best in 1991 for managing the reproductive aspects of their cattle.

Having an eight-way tie result from the first time a recognition program is instituted is unusual, if not an indication that some fine tuning in award criteria is needed. However, each of the men were recognized for some outstanding aspect of their management.

Lutz has been set apart from the others because he recorded the lowest average number of days open in his herd.

The "number of days open" refers to that amount of time when a cow is not pregnant during the course of the year. If a cow doesn't get pregnant she won't make milk. If she doesn't make milk, she doesn't pay her way.

The more lactations a cow has during her life, the more milk she has the potential to make. It's an important aspect to herd management and one of the toughest to manage, according to the experts.

Most information put forth on the subject maintains that reproductive management is so difficult because there is a considerable checklist of things which must go right when tyring to get cattle pregnant.

All it takes is one thing wrong and it can mean failure. Also, pinpointing problems can be difficult and expensive.

Lutz has worked to keep his herd of cows working. The herd average is only 81 days open. Most herds average well above 100 days open.

What's his secret? Technology and observation, he said.

Lutz said the other thing he does that differs from tradition is to emphasize early insemination — as soon as possible, starting at about 45 days.

He said he read an article about a dairyman in Minnesota who has been breeding his cows back 45 days after calving, rather than the widely practiced 60 days or more wait.

Lutz said the man had a 30,000 pounds rolling herd average for a short time and was using the 45-day plan. Lutz said he figured that if this other breeder could maintain a high producing herd following this unorthodox practice, he could too.

"Most of the time they (experts) say wait 60 days," he said. But in April this year he tried breeding back at 45 days. "It seemed as though they conceived better if they were inseminated during the first heat. Those few things made a difference."

To a lesser degree, but also helpful, according to Lutz, his veterinarian has premitted him to use a certain antibiotic to infuse the reproductive organs of his cows, should they fail to "settle" within three heats.

It works, Lutz said.

The antibiotic is gentamicin, something that ordinarily doesn't belong in a cattle barn. However, the extra label use of the antibiotic — using it to infuse the cow, rather than injecting it into her — creates an infection-free climate for semen and egg.

The infections may be subclinical, meaning that they can't be detected visually. In this case, the only evidence of a subclinical infection is the fact that a cow or heifer won't get pregnant.

Since the gentamicin isn't injected into the cow, it doesn't cause problems with tainted milk. The practice of infusing with gentamicin isn't done widely.

"There are two things that I've encountered. I try to watch for any infection and then try to infuse (the cow or heifer with an antibiotic) myself, after calving," he said.

"Once they run heat cycles, if I get up to where a cow is on her third breeding, I infuse with 10 cc of gentamicin. It will usually clear up most infections and at the same time, it won't interfere with conception."

He said he uses the antibiotic routinely on cows which don't conceive after the third breeding or more.

If a cow fails to conceive after several tries, they don't stay on the farm for long.

Lutz keeps a milking string of about 46 Holsteins, a third of which are registered. His rolling herd average ranges between 19,500 to 20,000 pounds of milk.

He also raises most of his own replacements, about 15 to 17 heifers a year, though he said he does buy a few occasionally.

If there is a problem with a cow or heifer conceiving, Lutz tries everything he knows to get her pregnant and to pinpoint the problem.

When everything within reason fails to get results, culling for failure to reproduce is instrumental in keeping the herd managed well, he said.

"I can't say I stress one factor over another. Right now I have three heifers ready to come in. As I bring them in, I have to consider several factors — if (a cow in the string) is not bred within five months, or is getting old, has bad legs, (etc.)"

He said right now he has eight cows with the potential to go out of the herd. But he will stay with a cow, if she produces enough.

Lutz and his brother have a different arrangement. While they maintain independent herds, they pool income and have split the responsibility of raising heifers. They also rent more than 200 acres of cropland together.

But the Lutz brothers maintain separate herds and do separate milking ear. Ronald has 120 acres — 70 acres tillable, the rest pasture and woodland.

His feeding program consists of giving each cow about 10 pounds of hay per day, haylage, and ground ear corn and barley. He top dresses with protein supplement. This year, because of the drought, some of the corn was used for silage, though it was raised with the intention of being used for grain.

Use Lactobacillus For Dairy Cattle

DR. W.S. KENNETT
Director of Nutrition
F.M. Brown's Sons

Feeding live *Lactobacillus acidophilus* to lactating dairy cattle is rapidly becoming an accepted practice in feeding high producing dairy herds.

Lactobacillus acidophilus occurs naturally in the healthy digestive tracts of all species of animals including man. However, during times of stress, such as weather changes, feed changes, crowding, or disease, the animal's natural lactobacillus levels decline.

Providing a live source of the correct Lactobacillus organisms at these times of stress will result in maintaining dry matter intake and optimum milk production.

The mode of action of *Lactobacillus acidophilus* is several fold. First is the process called competitive exclusion. To be beneficial, the Lactobacillus must attach to the walls of the small intestine and occupy all of the potential microbial attachment sites, leaving no sites available for pathogenic (harmful) bacteria to attach.

Finding no place to attach, pathogenic bacteria then pass out of the digestive tract without the chance to cause damage. Second, live Lactobacillus produce lactic acid, and this acidification of the lower tract is lethal to many pathogenic bacteria such as E. Coli and Salmonella species. Third, Lactobacillus organisms are oxygen users and therefore keep the lower tract anaerobic, limiting the growth of oxygen requiring pathogenic bacteria. Finally, the lactic acid produced by the fermentation of any rumen escape starch can be used by the animal as an energy source, thus a more efficient use of nutrients is achieved.

However, not all *Lactobacillus acidophilus* products on the market are suitable for dairy cattle. In order to be effective, a Lactobacillus product must meet several criteria:

1. The specific organism must be a normal inhabitant of the intestinal tract of ruminants.

2. It must survive passage through the rumen. It is important to note that Lactobacillus have no known function in the rumen; they are a foreign organism to the rumen and most strains are destroyed by natural rumen organisms. Lactobacillus organisms provide their beneficial actions in the small intestine.

3. Once past the rumen, the specific Lactobacillus must survive passage through bile which is lethal to many Lactobacillus strains.

4. The Lactobacillus must arrive at the small intestine in sufficient numbers to be effective.

5. The Lactobacillus must arrive in a viable (live) form, ready to produce lactic acid.

6. The Lactobacillus must be species specific and attach to the walls of the small intestine.

One of the few viable *Lactobacillus acidophilus* products which meets all 6 of these criteria is COBACTIN. Originally isolated from a high producing dairy cow, it was purified, cultured, and identified as BT1368 by BioTechniques Laboratories who recognized its unique properties. In August 1990, the U.S. Patent Office granted one of the first patents for a microbial product to BT1368 for its unique "ability to adhere to gut epithelial tissue and survive in ruminants digestive system."

COBACTIN *Lactobacillus acidophilus* is available in Southeast Pennsylvania through F.M. Brown's Sons. In other areas, contact North Atlantic Research, Birdsboro, Pa., (215) 582-0974.

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18' Kawanee fold up disk, all new blades, like new, $3,750. (410)833-1847.

1985 JD 6620 Side Hill Combine, 4WD, 2700 hrs., 15' flex head, 6 row corn head, loaded, one owner, very nice, $42,500. 301-898-7426.

1940 Farmall M, w/wide front $500. 908-362-9521 After 6PM.

1951 Farmall M; IH #37 28' transport disc; IH 430 baler; 7'6"x16 6 ton flat wagon; 7x14 5 ton flat dump wagon. All in good working condition. Phone after 6:30PM 717-872-9338.

1962 B61 Mack 673 diesel, duplex trans, 13' frame, air steering, runs good. 1962 B61 parts truck. 1961 B30 parts truck. 15' midwest stake bed. All for $2,500 OBO. Kutztown, PA (215)682-4662 after 5pm or weekends.

1976-760 Red cab, MF combine, hydro, 24.5-32 rubber, running condition, $5500. 717-733-0043.

1979 Dodge W-300 with dump and 8' Meyers power angle plow, 1840 Case skidloader with trailer. (717)435-0145.

1980 Button Johnson tomatoe harvester, refurbished 1985, w/brush shaker, electronic color sort, disc pickup head w/ conversion to knife head. 717-473-4473 Ask for Sam.

1985 JD 401D loader tractor, 3 pt. PTO, runs good, $8,000. 301-833-2311

BATWING MOWER WOODS HD 315, new, $6,000. 301-833-9091

BATWING MOWER Woods B315, $2,000. 301-833-9091

Bedding Chopper 8hp Wisconsin engine, needs carb work, $450. No Sunday calls. (717)624-8123.

Bush Hog 2102 Post Hole Diggers w/12" Double Flite Augers, $799. Taneytown Farm & Hardware 410/751-1500.

Bush Hog 3126 10½' Mowers, $3,595. Taneytown Farm & Hardware 410/751-1500.

Bush Hog 7' 3 Pt. Mowers, $1,400. Taneytown Farm & Hardware 410/751-1500.

Case 1835-B Uni-Loader, Dsl., in good condition, $6,500. 717/626-5260.

Case IH 5130 maxxum, power shift, 94hp, 18.4x38 like new tires, roll guard w/ canopy, extra lights, wts., looks like new, 485 hrs., $24,000. (717)597-5623.

Case IH 800 corn planter, liquid fertilizer, no-till, monitor, 4-30" rows, $6,250. Call early mornings or evenings till 7 p.m. 717-949-3074 or 703-879-9926

6600 hydro Side Hill, very good, $15,900. Larry Stalter, "The Combine Man" 1-800-248-2151

'71 International rollback, 24' Schwartz bed w/2' float plates, 5+2 trans., 345 V8; large gravity bin $875. 215-562-4464.

815 Int. combine, 1700 hrs., excellent, all options, $10,000. Int. Cub w/1R cultivator, will separate, $1,200. (410)928-5226 after 7 pm.

8N Ford Tractor w/Lder., good condition; JD 50 Tractor. 215/932-2767.

9500 1990 JD 4WD Combine, loaded, 630 hours, A-1 condition, $78,000. Also 1990 915 Flex Head, $7,000. 703/434-1218.

AC 7000, Black Bottom, 20.8, CAH, $5,500. 301-833-9091

AC model 3000, heavy duty double offset disc, hydraulic fold, 18' cut, $3,550. Call early mornings or evenings till 7 p.m. 717-949-3074 or 703-879-9926

AC WD45; AC C w/ cultivator and tobacco hoe; AC G w/corn planter, shovels, cultivator; Oliver 1250 loader tractor; Oliver Superior grain drill; Gehl chop all; 1R corn head. Best Offer. 717-665-5663.

1986 Case IH #1896, 4x4, ROPS, 113 hp, 3024 hrs., clean, $18,500. 814-542-4486.

1987 Case IH 4WD tractor w/loader and backhoe, 670 hrs., 16' trailer, 66" Brushhog, fertilizer spreader, plow, roadscraper blade, sprayer, & transit/builders level. Business liquidating, all for $19,000. Will sell items separately. (717)253-6610, (717)253-4131.

200 bales alfalfa hay, $3 per bale. (410)928-5226 after 7 pm.

2020 JD, gas, w/#48 loader, good condition, $5600. 215-589-4400.

2444 IH Loader Tractor w/ dung fork, rear weight & reverser, D2-Cat track chain. 717/354-8575.

4020 JD Diesel, NF, good rubber, good condition, $4,900. 717/922-3340.

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4WD Payloader w/cab, gas, runs good, $4,000. Call 717/784-1779.

601 Ford Tractor w/ frontend loader, good condition, $2,300 or will trade on crawler loader. 717/652-1957.

Collectors 1940 Case VC, runs, complete $500. 717-437-3547 Eves.

Complete set of doors for IH 86 series cab, $1000. 301-898-7426.

CRAWLER DOZER JD 350C, excellent, must see, $8,750. 301-833-9091

CRAWLER LOADER CAT 953, LGP, $18,000. 301-833-9091

CRAWLER LOADER IH 125E, 4 in 1, backhoe saddle, very good UC, $11,500. 301-833-9091

Cultivator Tractor, Hefty G, 2 row, diesel, PS, excellent, $3,500. 301-833-9091

December Sale on Peerless Batteries. Full warranty, deep cycle carriage batteries, Regular $61, Sale $55.50. Check our other High Cold Cranking Amp Batteries, 650-1400 CCA, Regular $49 to $144, Sale $38 to $128. Also special prices on gas and diesel engines 8.5-100HP. Air compresser, hydraulic units available. MM Tractors, GVI and G705 Diesels. Smuckers Repair Shop, 94 Summit Hill Dr., Strasburg, PA 17579.

Deere 3300, very nice, $4,950.; 4400 gas, very clean, $4,950. Larry Stalter "The Combine Man". 1-800-248-2151

Disc, Pittsburgh 12' transport type, very good condition, $975. JD grain drill with excellent hay seeder, $475. Ferguson 3Pt. Cultivator, great for gardens, $275. (717)386-3727.

Dismantling For Parts the following Dozers: John Deere 1010 Loader; 2010 Dozer with new undercarriage fits 2010; 350 B.C., 450C Dozer, complete 6 way blade unit fits 450C, IH TD6; Cat D2 with wench; FL7 Fiat Allis track loader; complete 420 John Deere 2 Cyl. gas engine, runs perfect, ready to ship, will fit 420, 430, 440 Dozers; brand new JD 350 wench, $1,875. John Deere 450 wench ready to go. Over 100 Farm Tractors from the 1930's to the 1980's. Being dismantled daily. We ship UPS or Motor Freight Daily. Just arrived Massey Ferguson 1085 for parts. Give us a call. Atkins Tractor Salvage, Rt. 3 East, Union, WV 24983. Phone 304/772-3741.

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IH 1486, 16 spd., ROPS, $5,500 301-833-9091

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IH 2250 loader, excellent condition, $1,800. (908)449-6140

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JD 5020 Diesel, SC, WF, Syn., complete overhaul, 70HP, Dyna Test, $8,500. JD 1010, PS, Front/Rear weights, Cultivators, 3PH, $3,700. New Wenger 8 ton wagon w/adjustable hitch, 8x8x16 hay rack w/fold-down front, $1,200. Juniata Co. 717/463-2394.

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JD 3800 chopper w/2RN corn head, good condition. 717-548-3116.

JD 3960 Chopper, electic controls, 2RN, hay pickup, ready to go; JD 4240 w/PS, dual outlets, cab and air, good condition; JD A, 1942, running condition, $1,000 OBO.; JD 24T baler w/30 ejector, field ready, good condition; JD 1219 haybine, non-clog guards, good condition. 908/459-5773.

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JD 4320, 4620, 404T Heads. After 7PM 607/687-4289.

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IH 3388, 2+2, very good condition, 130 h.p., MFWD, must see, $9,500. 301-833-9091

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Int. 1979 784, 4900 hrs., $7,500. NH 234 gear w/ rims, $250. (717)865-4461.

Int. 715 combine, 15' grain and 13' bean headers, $5,000. (609)259-2630.

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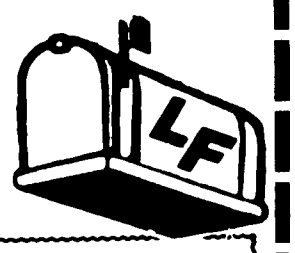

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- NH 848 Round Baler
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- Mighty Mac 9C Diesel Skid Loader

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- AC 3100 Disk
- MF Rollover 3 Bottom Plow
- Bush Hog Wing Disk, 22 Ft.
- Ford (White) 5 Bottom Auto Reset Plow, 18", On-Land Hitch
- Bush Hog 10 Shank Chisel Plow
- Gehl Flail Chopper
- Pittsburgh 12 Ft. Disc Harrow
- Brillion 11 Ft. Packer

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- NI Side Delivery Slurry Spreader
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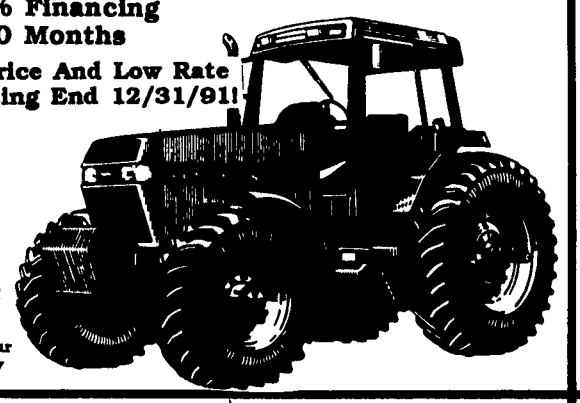

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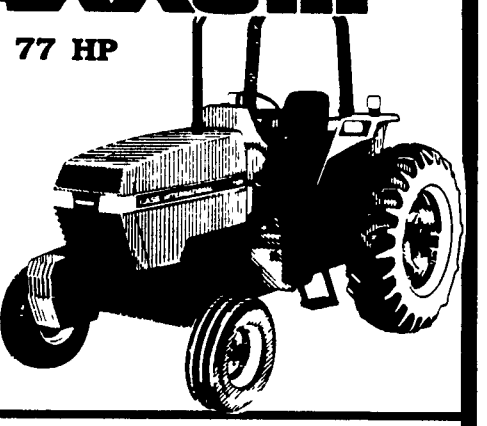

CASE IH 7500 MOLDBOARD PLOW
All New Heavy Duty Design

- **4 and 5 Bottom Available**
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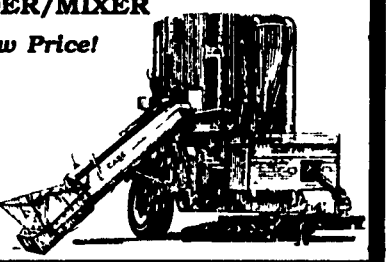
Big Capacity — Low Price!
- 150 Bushel • Sales
- Flotation Tires
- Folding Extension Auger



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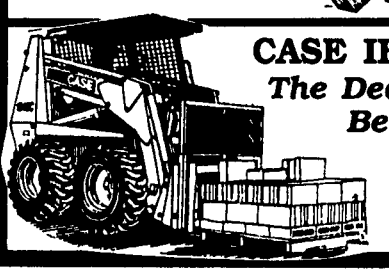
The Deals Have Never Been Better!



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Winter Buyers Dividend- $5,850

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NH 216 UNITIZED RAKE
- **Big 27 Ft. Raking Capacity**
- **Adjustable Operating Width-Hydraulic**
- **10 Ft. Transport Width**

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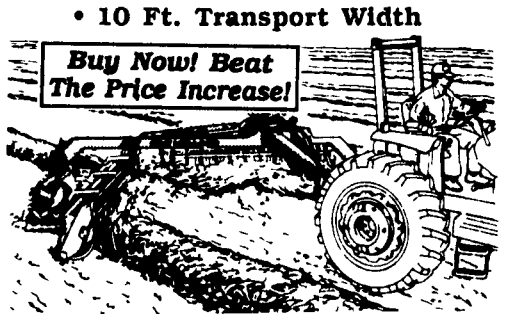
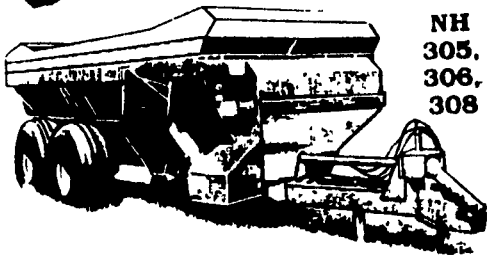


Looking For A Spreader? Now Is The Time To Buy! PRICES REDUCED!!



NH 305, 306, 308

0% FINANCING/18 MONTHS!

END-OF-SEASON CLEARANCE

Item	Reg.	SALE
• NH L250 Skid Loader w/42" Bucket, Lights	$ 8,950	$ 6,495
• NH L455 Skid Loader w/66" Bucket	$16,850	$12,356
• NH L783 Skid Loader, 56 HP, 12x16.5 Tires, 70" Bucket	$24,900	$17,395
• NH 358 Grinder Mixer, Hyd. Drive, Scales, 10' Auger, Screen	$16,300	$10,950
• NH 442 Disc Mower, Hyd. Lift, Demo	$ 4,570	$ 2,850
• NH 452 Disc Mower, Hyd. Lift, Demo	$ 5,260	$ 3,485
• NH 848 Rd. Baler, Bale Command, Twine, Demo	$15,478	$ 8,950
• NH 630 Rd. Baler	$12,300	$ 8,560
• NH 855 Rd. Baler, Net Wrap	$20,500	$12,985
• NH 853 Rd. Baler, Twine, Bale Command	$17,500	$11,375
• NH D1000 Baler	$52,898	$31,985
• NH 411 Discbine, Hyd. Swing Tongue, Hyd. Header, Tilt	$17,500	$10,995
• NH 472 Haybine, 7 Ft.	$10,300	$ 6,950
• NH 488 Haybine, 9 Ft.	$10,800	$ 7,385
• NH 489 Haybine, 9 Ft., Demo		$ 6,985
• NH 155 Manure Spreader, 10x20 Tires, 220 Bu.	$ 5,609	$ 4,350
• NH 305 Spreader w/Pan, Imp. Tires, 1230 Gal.	$ 8,460	$ 6,350
• NH 329 Spreader, Hyd. End Gate, Splash Guard		$ 3,650
• NH 680 Spreader, Tandem Axle, 290 Bu., Imp. Tires	$ 7,635	$ 5,485
• NH 565 Baler, Wagon Loading Chute	$11,426	$ 7,850
• NH 570 Baler, Flotation Tires	$12,885	$ 8,950
• NH 575 Baler, Hydroformatic, Flotation Tires	$15,800	$10,685
• NH 492 Haybine	$12,880	$ 8,395
• NH 144 Windrow Inverter, Dual Wheel, Demo	$ 4,569	$ 3,250
• NH 254 Rake & Tedder	$ 4,685	$ 3,395
• NH 216 Unitized Rake, Hyd., 27 Ft., Gauge Wheels	$17,989	$12,985
• NH 256 Rake, Traction Tires, Hitch & Jack	$ 3,850	$ 2,485
• NH 260 Rake, Traction Tires, Hitch & Jack	$ 4,895	$ 2,985
• NH 28 Blower, 540 PTO	$ 4,585	$ 3,265
• NH 40 Blower, 1000 PTO	$ 4,900	$ 3,498
• NH 824 2 Row 30" Corn Head	$ 5,385	$ 3,585
• NH 790 Harvester, Metal Detector, 12 Knives, Elec. Contr.	$18,580	$10,485
• NH 900 Harvester, Metal Detector, 12 Knives, Elec. Contr.	$21,500	$14,985

ONE ONLY SALE — ENDS 12/31/91

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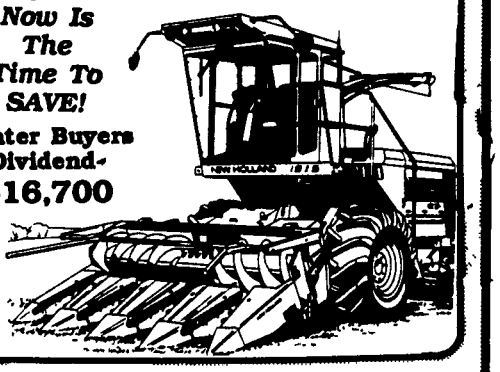
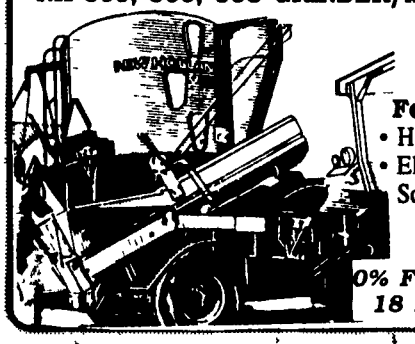
NH 1915 - 2115 FORAGE HARVESTER
Now Is The Time To SAVE!
Winter Buyers Dividend- $16,700



Grind Your Own Feed For Less Than You Think!
NH 353, 355, 358 GRINDER/MIXER



Featuring
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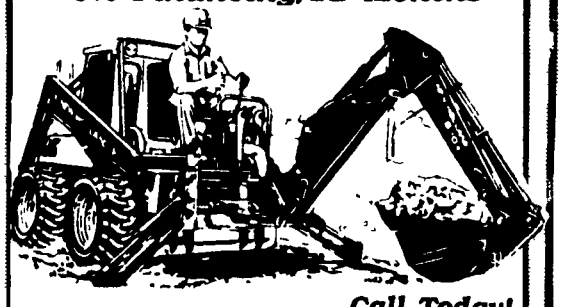
0% Financing 18 Months

NH SKID STEER LOADERS
0% Financing/12 Months



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TRACTORS: Int 5088, Int 1066 cab; 856 cab; 786; 300 w/loader; 1466 cab, 1456; 986 cab, 966 1600 hrs; 756; 784 loader, 684 1700 hrs; 684; 674; 584; M, JD 3010, JD 3020, NEW 950 4 WD; 4010; FORD AC XT190; NEW Honda 5518 4WD; CASE 1070 cab; JD 310A backhoe loader; JD 350 dozer, Toyota forklift.

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Ford 642 Hydro 4 Row Narrow 13'

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Ford 5610 2/W, 600 hrs.
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7710 Cab 4/w, 250 Hrs.
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Ford 7700 2WD w/Cab
Ford 7000, 4420 Hrs.
Ford 5000 Diesel
Ford 4000 Gas SU, 3689 Hrs.
Oliver 1755 w/Cab, 3062 Hrs.
Ford 900 2 Row Picker
Ford 9700 2/W Cab, 4659 Hrs.
Ford 800 Gas 5-Speed
Ford 3000 w/Loader 8 Speed
Ford 3000 Diesel
Farmall 340 w/Snow Plow
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Kubota B6100 2/WD w/Mower
Oliver 77 w/2 Row NI Picker #319

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Ford 555 1979 2W ROPS, New Hoe, 1574 Hrs.
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NH 781 Skid Loader, Deutz Motor, Boom Hydro, 2583 Hrs.
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NH 56 Rubber Tooth Rake
Ford 532 Baler
NH 1495 Haybine, Diesel, Hydro.
NH 489 Haybine, New Rolls
320 Baler w/Thrower
273 Baler
NH 426 Baler w/Thrower
283 Baler w/Thrower
MF 124 Baler

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JD 7000 4-Row Planter
Ford 140, 5 Bottom, 16" Cushion Trip
Ford 101, 3 Bottom, 14" Plow
Ford 145, 3 Bottom, 18" Rollover Plow
Ford 145, 2 Bottom, 16" Rollover Plow
Brillion 14' Packer
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8000 Or 9000 Safe Guard Cab
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Ford 768 Loader
Ford 727 Loader
NH 680 Spreader (New Chain)
514 NH Spreader
New Idea 3632 Spreader
NH 520

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JD 2[SOLD]WD
JD 2350 w/245 Ldr.
Farmall [SOLD]elly Mower

COMBINES

JD 7720 Been Thru The Shop Recond., Field Ready
JD 7720, 1980
JD 8820 Heavy Duty Final Drive, Duals 4WD w/20' Grain Head, Totally Reconditioned
JD 643 Corn Head 1988, Like New
MF 1980 550 C[SOLD]bine w/15' Grain Platform, Cheap Bean Co[SOLD], $7,950

Waiver Of Finance On Used Combines Until Sept. 1, 1992

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Set Of Model 1350-1450 JD 7x16 Plows
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NH 320T Baler w/Kicker
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JD 27A Flail Cutter
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JD[SOLD]ler
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Ford 6610, 4WD
Ford 7810, 4WD
Ford 555C, TLB, 4WD w/Extend-a-hoe
Ford 451 Sickle Mower

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LT10 w/38" Deck
LT12 w/38" Deck
YT18 w/48" Deck
LGT14D w/48" Deck

NH EQUIP.
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NH 499 Haybine
NH 570 Baler w/Thrower
NH 630 Baler
NH 853 Baler
NH 848 Round Baler w/Net Wrap
NH 790 Hay Head
NH 254 Tedder Rake
NH 790 Chopper
NH 28 Forage Blower
NH 818 Forage Box
NH 814 Running Gear
NH 520 [SOLD] Spdr.
NH 680 Manure Spdr.
NH 791 [SOLD] Spdr.
NH 185 Manure Spdr.
NH 195 Manure Spdr.

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NH 144 Windrow Inverter	$2,900.00
Ford LT10 w/38" Deck	$1,559.00
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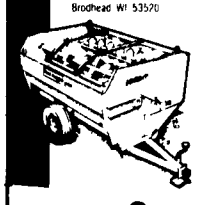

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ELIGIBLE PRODUCTS:

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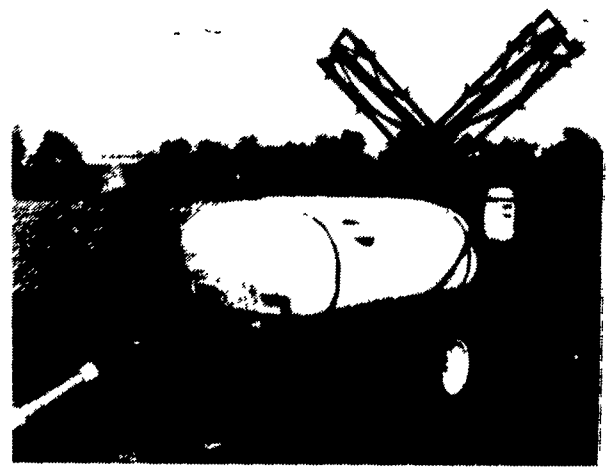

PLUS:

- **Purchase any trailer sprayer during Dec., Jan. or Feb. and receive a free chemical inductor $570.00 Value**
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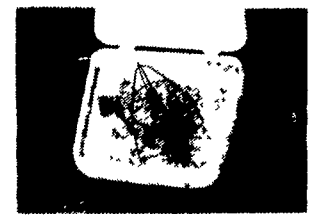

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- ESC 500, 500 gal. sprayer w/45' boom

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JD 4230 Dsl., Cab, Air, QR, 38" Rubber, Very Nice
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1968 JD 4020 Dsl. w/Cab Dual Hyd., WF
JD 4000 Dsl., WF, YR Cab, Dual Hyd., Very Good
JD 4430 Dsl., Cab, Air, QR, Very Nice
1979 JD 2640 Dsl., 2300 Hrs., Hi-Low, Indep. PTO, Dual Hydraulics, Excellent Cond.
JD 2630 Dsl. Indep. PTO
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JD 530 Tricycle w/3PT, Good Cond.
IH 5088 Cab & Air, 20x38 Rubber, Very Nice
IH 1466 Dsl., Red Cab w/Air, New TA, 3,100 Hrs., Dual PTO & Axle Duals, Very Nice
IH 1066 Dsl. w/Cab, Low Hours, Very Nice
1976 IH 766 Black Stripe w/Cab, 2900 Hrs., Exc. Cond.
IH 460 Gas, WF, Fast Hitch, Very Nice
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1979 JD 4400 Dsl., Cab & Air, 23x26 Rubber, Very Good Machine
1978 JD 4400 Dsl., Cab, Air, AHH, Choice of Heads, Very Nice SOLD
1973 JD 4400 Gas, Cab & Air, 2100 Hrs., One Owner, Excellent Cond.
1975 JD 3300, Gas, w/Cab, One Owner, Very Nice
Gleaner K w/Cab, 10' Grain Platform
1980 Gleaner K2, Cab & Air, Grain Saver, 1000 Hrs., One Owner
IH 203 w/Cab, 10' Grain Table, Excel. Cond.
MF 13' Rigid Platform
JD 213, 215 & 216 Flex Head, Good Selection
JD 13' Rigid & Floating Grain Heads
IH 820 13' & 15' Flex Head
AC 10' Grain Platform Fits EIII/K2
Gleaner 313 Flex Head to fit F-F3
AC F2 13' Rigid Head

PLANTING EQUIPMENT

JD 8300 21x7 Grain Drill w/Grass Seed & Press Wheels
JD 7000, 6RN, Conservation, Liq. Fert. Insect. Monitor
JD 7000 4RN Dry or Liquid Fert., Insect. & Monitor
JD 7000 4RW, Liq. Fert., No-Till Coulter, Insect., Monitor
JD 7000 4R Conservation, Dry Fert., Insect., Monitor, Frame Mounted Coulters

HAY EQUIPMENT

JD 2RN & 2RW Heads w/Slip Clutch
JD 1219 Mower Conditioner, Non-Clog Guards, Very Good Cond.
NH 489 Haybine
NH 411 Discbine, Excellent Cond,
JD 410 Round Baler, 4' Bale
JD 347T w/¼ Turn Chute, Very Nice
JD 347 Baler w/Ejector, Very Nice
JD 336 Baler w/Ejector
JD 327 Baler w/30 Ejector, Hydraulic Tension, Elect. Controls, Very Nice
NH 38 Flail Chopper, Like New
NH 847 Round Baler, Very Nice
NH 320 Baler w/Thrower, Very Good
NH 316 Baler w/¼ Turn Chute
NH 258 Rake w/Rubber Teeth
NH 851 Round Baler, Very Nice
NH 846 Round Baler, Excellent Condition
NH 1037 Bale Wagon, 105 Bale Capacity, Tandem Axle, Excel. Cond.
NH 1034 Bale Wagon, 105 Bale Capacity, Single Bale Unload, Tandem Axle, Excel. Cond.
NH 1002 Bale Wagon, 56 Bale Capacity, Very Nice
NH 1012 Bale Wagon 60 Bale Capacity, Single Bale Unload
NH 1033 Bale Wagon Tandem Axle, 105 Bale Capacity, Very Nice
New Farmco 18' Steel Side Hay Wagons
NH 4 Star Tedder, Very Nice
Farmco Steel Side Hay Wagons, Used One Season, $1650 Each

YEAR END SPECIALS

1982 JD 4040 Dsl., Cab & Air, Power Shift, Very Nice, $19,500
IH 610 12' Offset Disc, $2,200
JD 7000 4RN, Dry Fert., Insect., Monitor, $4,200
JD 336 Wire & 30 Ejector, Great Cond., $2,200
NH 489 Haybine, $3,400
NH 162 4 Star Tedder, $2,100
Gleaner K w/Cab, 10' Grain Platform, 2 Row Corn Head, $3,250

MISCELLANEOUS EQUIPMENT

JD 350 Crawler Loader
JD 400 14' Rotary Hoe
JD 4 & 6 Row Danish Tine & Spring Tooth Cultivators
JD 27 Stalk Shredder
18x38-18x34-13x28-16x28 Duals
IH 2250 Quick Tach Loader to Fit 656, 666, 686
IH 4 Row Front Mounted Cultivator
JD 145-146-148-158-37 Loaders
Quick-Tach Loader to Fit IH 706 Thru 1486
Brady 1460 Stalk Shredder

NEW ARRIVALS

1986 JD 6620 Dsl., Titan II, 1000 Hrs., 28L Rubber, Fully Equipped, Excellent Condition
1987 JD 3150 Dsl., Cab & Air, MFD, 1,000 Hrs., Excellent Cond.
JD 7000 12 Row Front Fold Liquid Fert., No-Till, Insect., Monitor, Folding Markers
IH 490 20' Hyd. Fold Disc

TILLAGE

JD 950 15' Roller Harrow
JD 12' AW Disc
JD 220 18' Hyd. Fold Disc
JD 230 18' Hydraulic Wingfold Disc SOLD
JD 310 12' Double Offset Disc
Hutchmaster 12' Offset Disc, Big Blade
IH 610 12' Offset Disc
Brillion 14' Cultimulcher Dual Transport, Excel. Cond.
Brillion 12' Roller Harrow, In-Board Wheels
Rhino 18' Hyd. Fold Rock Flex Disc
Dunham 23' Hyd. Folding Cultipacker
Miller 12' Heavy Weight Offset Disc

CORN HEADS

JD 244 2RW
JD 443, 4RN
JD 444, 4RW
JD 444 Oil Bath
JD 643 Oil Bath
JD 643 6RN
AC F430 4RN
AC K 4RN SOLD
AC 238 Corn Head
AC 430, Black, 4RN
AC 438 Black 4 RW
MF 1163 6RN
MF 1143 4RN
MF 43 4RN
MF 33 3RN

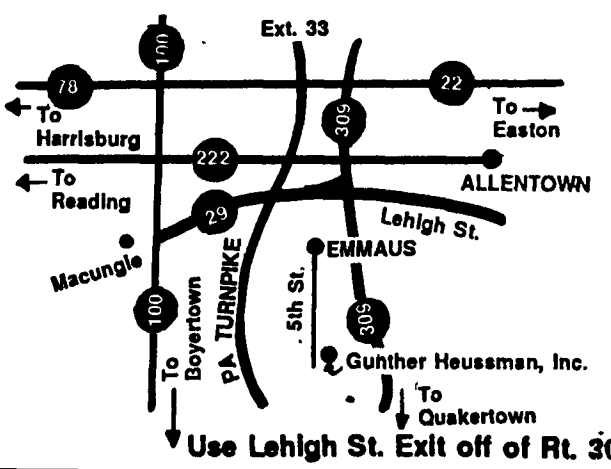
CORN PICKERS

NI 325 2RN, 12 Roll Bed, Late Model, Very Nice
NI 325 2RN 12 Roll Bed
NI 324 2RW 12 Roll Bed, Late Model
NI 324 2RW 12 Roll Bed, Very Low Acreage, Like New
NI 323 1 Row Corn Picker

PLOWS

IH 735 5 Base Variable Width Spring Reset
IH 720 5x20 Spring Reset, Onland Hitch
IH 720 6x18 Spring Reset, Onland Hitch
IH 720 6x18 Spring Reset
IH 720 5x18 Spring Reset
IH 720 4x18 Spring Reset
IH 710 4x18 Spring Reset
IH 710 6x16 Spring Trip Onland Hitch
IH 710 5x18 Spring Reset
IH 710 6x18 Spring Reset
IH 700 4x16 Spring Reset

Lease Financing And Delivery Available.

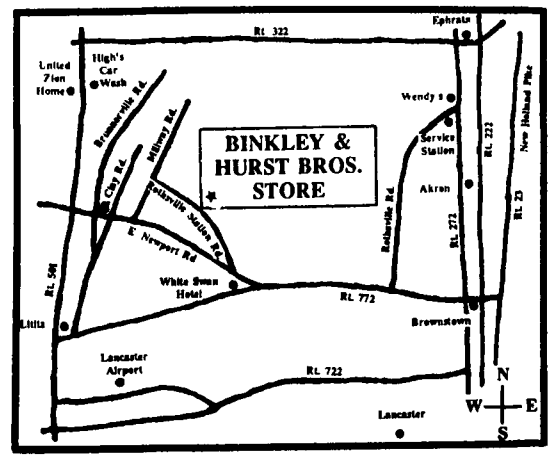


Use Lehigh St. Exit off of Rt. 309.

WE ARE CASH BUYERS FOR CLEAN, LATE MODEL FARM EQUIPMENT

BINKLEY & HURST BROS. INC.

133 Rothsville Station Rd. • Lititz, PA 17543
Phone: (717) 626-4705



Invites You To Their Annual

DISCOUNT CASH & CARRY DAYS

Farmers - Contractors - Homeowners
Order Your Needs While The Savings Are Big!
BUY NEXT YEAR'S SUPPLY AT A SAVINGS AND REDUCE THIS YEAR'S TAXES!
Buy Or Lease With Purchase Option!

WHEN?

Wed., Dec. 18 Through
Sat., Jan. 4th, 1992

OPEN

Monday Through Friday
7:00 AM to 5:00 PM
Saturdays 7:00 AM to 12:00 Noon
Tuesday, Dec. 24 - 7:00 AM to 3:00 PM

CLOSED - Wednesday, Dec. 25, 1991
Wednesday, Jan. 1st, 1992

WE APPRECIATE YOUR BUSINESS AND THE REFRESHMENTS ARE FREE!

FREE REFRESHMENTS!
Coffee, Donuts And More!
Dec. 18th, 19th And 21st Thru 24th

CHECKLIST YOUR SUPPLY OF THESE ITEMS PLUS ANY PARTS YOU MAY NEED TO SAVE UNDER OUR

DISCOUNT SAVINGS PROGRAM

- ❒ Hundreds of combine parts
- ❒ Anti-Freeze
- ❒ Air, oil fuel, hydraulic filters for Case, International and other model tractors
- ❒ Paint in gals., quarts, and spray cans
- ❒ Seat covers
- ❒ Grease cartridges
- ❒ Cutting edges for many different widths & types of buckets discount good on cutting edges even if our shop installs them
- ❒ Starting Fluid
- ❒ Gasket sealer
- ❒ Batterie
- ❒ Toys
- ❒ Hoses, belts, thermostats
- ❒ Hitchpins & clevis
- ❒ Curved chisel plow shovels
- ❒ Moldboard plow parts
- ❒ Glencoe soil saver points shovels
- ❒ Disk harrow blades
- ❒ Hydraulic cylinders
- ❒ Head and work lights
- ❒ Engine block heaters
- ❒ SMV emblems
- ❒ Water pumps, tune-up parts
- ❒ Loctite products
- ❒ Pressure washers
- ❒ Seat assembly
- ❒ Water coolers (Igloo)
- ❒ Bolts by the pound

NOTICE: You'll Save On Our Entire Parts Inventory & On Paid Orders Of Parts Not Stocked. Save Now On Harvester Knife Sets, Piston And Sleeve Sets, Lubricants, Pressure Washers, Seat Assemblies, Tillage Replacement Parts, Bucket Cutting Edges & Much More!

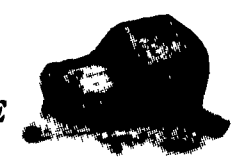
No Additional Discounts On Specially Priced Items.

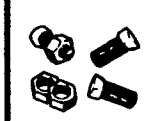
Remember...If The Part You Need Is Not In Stock We Will Order On Our Stock Order Program & You Will Still Receive Discounts For Orders Paid When Ordering. This Inlcudes All
• CASE • INTERNATIONAL HARVESTER
• CASE IH • KINZE • SUNFLOWER
• BETTERBILT • HUSKY

SHOP AT BINKLEY & HURST BROS., INC. FOR QUALITY PRODUCTS AT DISCOUNT PRICES

Oil & Filters, Powerwashers, Batteries, Seats, TA's, Paints, Bolts & Nuts, Hand Cleaners, Tire Gauges, Halogen Lights, Toys For The Children & Collectors, Etc.

Let Us Supply Your Needs During Our ANNUAL DISCOUNT CASH & CARRY CUSTOMER APPRECIATION DAYS SALE





OLD FASHIONED POTATO CHIPS

FREE Box Of Chips For All Customers Who Spend $100 Or More In Parts Or Machinery

Don't Forget To Ask For Your FREE 1992 CALENDAR (Supply Limited)

PARTS DEPARTMENT

All Customers Who Spend $150 Or More Receive A Pair Of Binkley & Hurst Long-Wearing Gloves

OR

Case IH 7.5 Oz. Bottle Citrus Hand Cleaner

All Items Subject To Prior Sale!

NOT RESPONSIBLE FOR TYPOGRAPHICAL ERRORS

DON'T FORGET...

Binkley & Hurst Bros., Inc.

Public Auction

Farm Machinery
& Collectibles

FRIDAY, DECEMBER 20, 1991
9:30 A.M.

Check Our Sale Listing On Page B-33 Of This Issue!!!

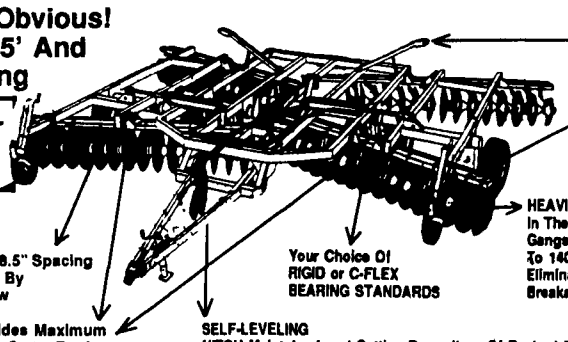
NEED A QUALITY DISK HARROW TO GET YOU GOING?
CALL BINKLEY & HURST FOR A SUPER YEAR END DEAL!
BINKLEY & HURST BROS., INC. HAS ALL YOUR HEAVY DUTY TILLAGE NEEDS!

SUNFLOWER SUPERIORITY - PROVIDES THE QUALITY YOU DEMAND — TAKE A LOOK!

WHY BUY A SUNFLOWER DISC HARROW?

The Reasons Are Obvious! Sizes From 10'-15' And 18'-32' Folding

Check Out The Rest - Then Buy The Best! SUNFLOWER



- TRANSPORT WIDTH On Wing Units Up To 24'2" Working Width Is A SAFE 12'4".
- 3 YEAR WARRANTY On Triple Lip Sealed Trunnion Mounted, Regreasable BEARINGS
- HEAVIEST AXLE SHAFTS In The Industry - 1¾" Dia. Gangs Are Hydraulically Torqued To 1400 Lbs & Spring-Loaded To Eliminate Loosening, Wear And Breakage.
- WING GAUGE WHEELS Eliminate Gouging
- BLADES: ¼ "x22" or ¼ "x24" On 8.5" Spacing 3 Sided Blade Prevents Erosion By Eliminating A Continuous Furrow
- Your Choice Of RIGID or C-FLEX BEARING STANDARDS
- DOUBLE OFFSET DESIGN Provides Maximum Leveling Without A Middle Buster Or Center Tooth
- SELF-LEVELING HITCH Maintains Level Setting Regardless Of Desired Depth Or Tillage Application

SUNFLOWER RIPPERS

- ✔ 10'-18' Frame
- ✔ 3-9 Shanks On Infinite Spacing From 15"
- ✔ 36" Under-Frame Clearance
- ✔ Heavy Duty Trip Mechanism Allows Shanks To Trip Back 36"
- ✔ 2" Slip-In Spindles On 2 Or 4 Wheels
- ✔ GREAT PRICE VALUE!!

- ★ VERSATILE
- ★ ADAPTABLE
- ★ TOUGH
- ★ PROVEN
- ✔ 16" Upward Tripping Clearance On Auto Reset Shanks

• 10' & 14' Frames In Stock

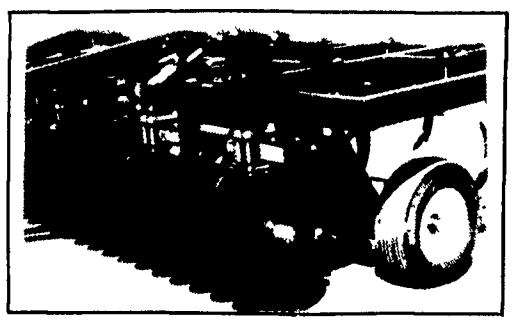
Check Out These Features:

• We Will Install Your Choice Of Number Of Shanks To Match Your Tractor Horsepower

4212 TRASH MULCHING CHISEL PLOW

- Widths From 9'-24'
- H. Duty Trip Mount Shanks
- Hydr. Coulter Adjustment

Our Customers Tell Us They've Never Owned A Coulter Chisel As Good As A SUNFLOWER



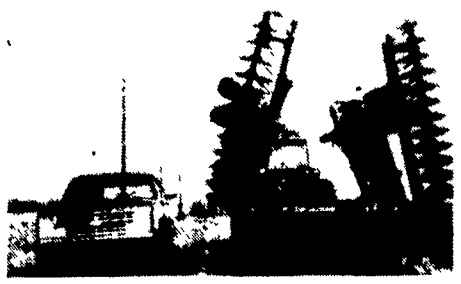
COME & SEE OUR ALL NEW COULTER RIPPER WHICH IS A TRASH CUTTING HEAVY DUTY SUBSOILER!

GET A SUPER TAX DEDUCTIBLE LEASE ON QUALITY SUNFLOWER TILLAGE EQUIPMENT

WHEN IT COMES TO WORKING ON ROCKS...
WHEN IT COMES TO RESALE...
WHEN IT COMES TO WEIGHT...
WHEN IT COMES TO CUSTOMER EXCEPTANCE & REPEAT SALES...
WHEN IT COMES TO LARGE AXLES (1¾" Is Standard On All Models)...
YOUR ANSWER IS
SUNFLOWER!

See Binkley & Hurst, Inc. Soon To Buy The Best - SUNFLOWER

TRANSPORT WIDTH



Go from field working to highway transport in seconds. Transport width on 18'-21'-24' units are only 12'4" barely the width of your dual wheels, leaving plenty of room for traffic to pass. Transport height is within legal limits

SUNFLOWER® Series 6000 LAND FINISHER

Working widths from 13 to 37 feet.

The RIGHT combination in one-pass tillage.

The New Sunflower 6000 Series Land Finisher performs three operations in one pass. It discs, cultivates, and finishes the seedbed all at once.

BINKLEY & HURST BROS. INC.

133 Rothsville Station Rd.
Lititz, PA 17543
(717) 626-4705

After Hours Emergency Parts Call: (717) 626-0885
(717) 626-5159 (717) 859-8768
Machinery Sales Hours: Mon.-Fri. 7 AM to 5 PM; Sat. 7 AM to 11:30 AM; Sun. Closed - Lord's Day

Farm Plan. A Service of FPC Financial

DISCOUNT CASH & CARRY DAYS!

Wednesday, Dec. 18 through Saturday, Jan. 4, 1992

You'll feel better all day riding in these super-comfortable seats!

Mechanical Suspension Seats

- Seats are designed to absorb shocks, reduce your fatigue!
- Spring-loaded height adjustor allows a full 3 3/4 inch adjustment
- Seat cushions and backrest angles adjust to fit you.
- Armrests tilt up for easy entry and exit
- Won't be priced lower this year!

Description /Part No.	Reg. Sale Price	Special Price	You Save
Fits IH 74, 84 and 85 Series tractors.			
Mechanical/Suspension Seat (ZSA8672)	$ 349 88	$314.89	10%
Fits Case and Case IH 70, 90 and 94 Series and IH 06, 26, 56 and 66 Series Tractors (Farmall)			
Mechanical/Suspension Seat (ZSA6173)	437 69	372.03	15%
Fits IH 86 and 88 Series Tractors (Farmall)			
Mechanical/Suspension Seat (ZSA6400)	422 98	359.53	15%
Backrest Replacement (ZSA5744)	50 67	$45.60	10%

Replacement Seat Assemblies

- Seamless vinyl construction
- Back tilt and armrests for maximum comfort
- On sale until September 30th!

Description/Part No	Reg Sale Price	Special Price	You Save
Replacement Seat Assembly (ZSA6175) For IH 06 26 56 66 Series Tractors	174.98	153 98	12%
Seat Cushion Replacement (ZSA6170)	49 23	44.31	10%
Super Suburban (ZSA7765)	~~77 21~~	69 49	10%
Skid Loader Seat Assy. (D124516)	~~120.66~~	108 79	10%

REMOTE MASTER DOES IT ALL!

- Tired of climbing down from your tractor just to switch hoses?
- Save time, money and steps!
- Now you control two circuits with the flip of a switch!
- Stay safe - Keep high-pressure hydraulics out of your cab.
- Universal - Fits all tractors
- Large Capacity - 15 gpm

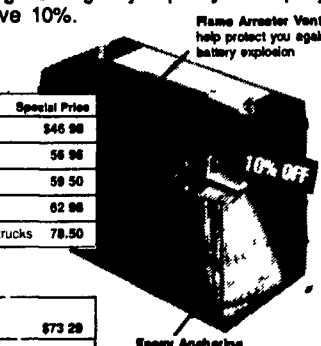
The REMOTE MASTER lets you use one outlet to control two sets of hoses by moving a three-position toggle switch from circuit A to circuit B, then operating your existing tractor lever for directional control.

INTRODUCTORY OFFER

List $439.00 **$395.10**

SAVE 10% ON QUALITY CASE IH OFF-ROAD & LIGHT TRUCK BATTERIES!

These batteries won't quit when winter weather hits. Or give up when the going gets tough. They're built to take off-road punishment in stride. And they're our most popular batteries for off-road and light-truck applications. Get a heavy-duty Case IH battery now — with maximum starting power, high emergency capacity and epoxy anchoring for vibration resistance — and save 10%. But only until December 31st!


Flame Arrester Vent Plugs help protect you against battery explosion
10% OFF
Epoxy Anchoring reduces vibration .. and short circuits.

Part No	Group No	CCA	Applications	Special Price
(B7072)	70	450	Most GM cars light trucks	$46 98
(B2472)	24	600	Import trucks	56 96
(B7472)	74	675	GM cars light trucks	59 50
(B2772)	27	580	Import trucks	62 96
(B6560)	65	850	Most late model Ford cars light trucks	78.50

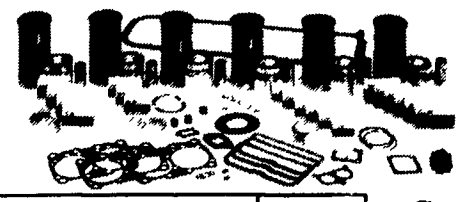
With exchange

Plus ... save on 2 tractor batteries

(BHC30)	30	625	Most 90 and 94 Series Case Case IH and IH tractors	$73 29
(BPR4EH)4EH		930	Most 86 and 66 Series Case Case IH and IH Tractors	85 99

Restore Your Case & IH Tractors Back To Full Power With An ENGINE OVERHAUL KIT.

Buy Now While The Price Is Right!



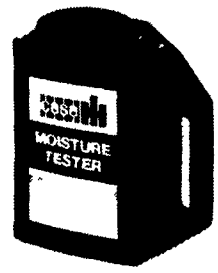
Engine Overhaul Kits Tractor Application/Part No.	Package Price
2090, 2094 (1349100C1)	$945
1370, 1570, 2390, (A182169)	$945
2470, 2570, 2590, 4490, 2670, 4690, 4694 (A182170)	$945
1066, 1086, (DT414)	$815
1466, 1566, 1586 (DT436)	$815
986 (A189355)	$815

Call For Prices On Other Unlisted Overhaul Kits

This Case IH grain moisture tester pays for itself by cutting dockage charges!

SAVE $20

This lightweight, battery-operated portable tester has all the features you expect from Case IH – giving you instant measurement of your grain's moisture content. It weighs your sample and automatically compensates for the grain temperature to produce an accurate, easy-to-read moisture analysis. Easily adjusts to match your local elevator.

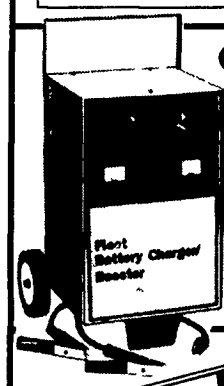


(B91256)
Grain Moisture Tester

$158.95

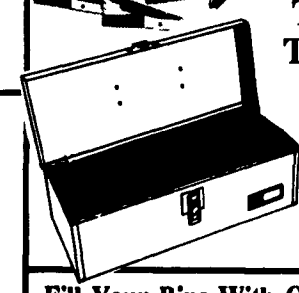
Reg. Sale Price $189.95

CENTURY BATTERY CHARGERS



ZHX141109A
Reg. $257.92
SALE
$199.75

ZHX141091A
Reg. $126.29
$101.98

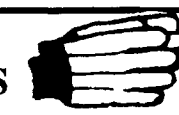


TRACTOR TOOL BOX

Discount Sale Price

$13.25

CHORE GLOVES



Warm & Long Wearing Cotton Flannel Glove. Snug Fitting Knit Wrist

$1.40 pr.
or
3 For $3.96

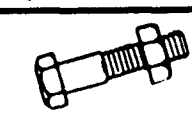
SAVE YOUR HEALTH WHILE YOU STILL HAVE IT!

KASCO PROTECTIVE HELMETS

World Leaders in Helmets That Protect Lungs, Eyes & Skin Against, Pesticides, Dusts, Moulds And Spores

Model	Application	List	SALE
K80S-T1	For protection when spraying pesticides in orchards and fields. Tractor (12-Volt) powered.	$555.00	$527.25
K80S-T5N	For Greenhouse and Nursery use. Battery powered. NIOSH approved.	$595.00	$565.25
KOMPAT 6	For use in dusty farm and industrial buildings- battery powered.	$455.00	$432.25

Fill Your Bins With Quality Grade 5 Hardware -

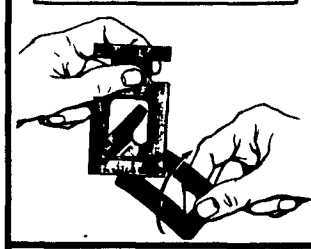


Mix Or Match!

1-25 Lb.: ¼ " to 6" Length- $1.05/Lb.
7" Plus Length- $1.30/Lb.
Also Nuts, Lockwashers & Washers
Over 25 Lb.: **Deduct An Additional 5% Per Lb.**

T-BAR SPREADER CHAIN SPECIAL

10% DISCOUNT ON SLATS!



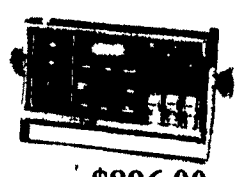
Part #	Desc.	List	SALE
HT67	Links	$1.02	$.75
HT338	Slats (Fit Gehl & Knight 350 & 410 etc.)	$10.15	$9.13
HT5812	Slats (Fit Gehl & Knight 250, 252, etc.)	$16.25	$14.63
HT5034	Slats (Fit NI 351, 360, etc.)	$14.46	$13.01
HT6212	Slats (Fit NI 218 244, 245, etc.)	$17.23	$15.51

YEAR-END SPECIALS ON STATE-OF- THE-ART DIGITAL MONITORS DURING CASH & CARRY DISCOUNT DAYS!

Eliminates Guesswork From Your Crop Farming Operation

COMPLETE SPRAYER CONTROL AT AN AFFORDABLE PRICE!

- Automatically Controls Flow
- Compensates for Vehicle Speed
- Monitors Spray Rate (GPA)
- Measures Volume Rate (GPM)
- Measures Gallons Applied
- Measures Speed
- Measures Area Covered (Acres)
- Manual Override for Spot Spraying
- Pressure Gauge on Console
- Individual Boom Control Switches
- Easy Installation
- Easy Calibration



List $1,125.00 DISCOUNT SALE PRICE **$896.00**

REAP THE BENEFITS

Yield Trak Monitors four basic functions ground speed, acres harvested, bushels per acre and total bushels harvested The bushels per acre function is divided into two counters with independent resets, so you can pinpoint yields with each tank-full or measure an entire field

List $375.00
DISCOUNT SALE PRICE **$299.95**

CALC-AN-ACRE COUNTER

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	List	Sale Price
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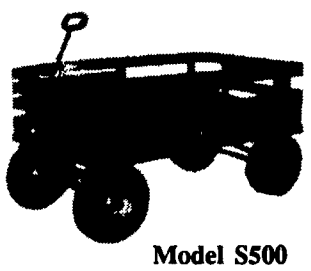

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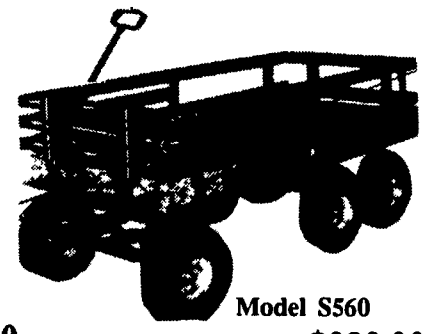

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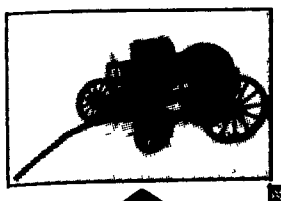

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ZSM717*
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ZSM718*
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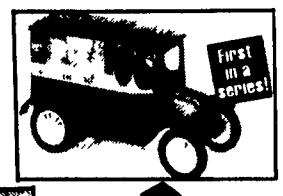

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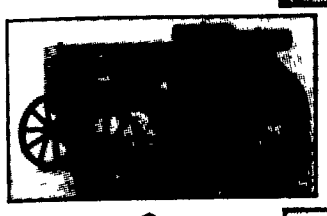

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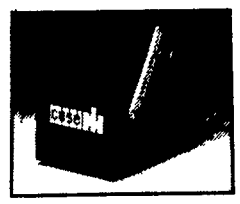

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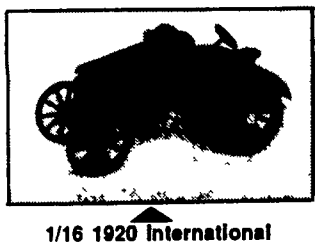

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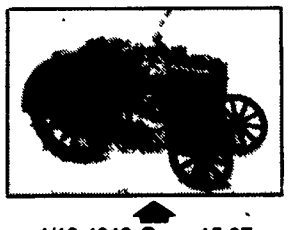

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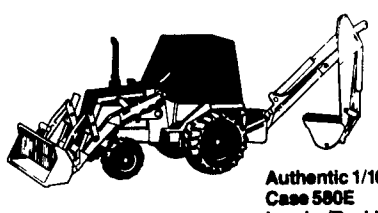

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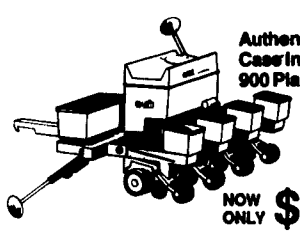

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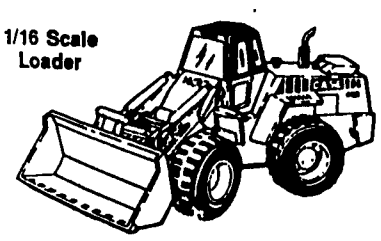

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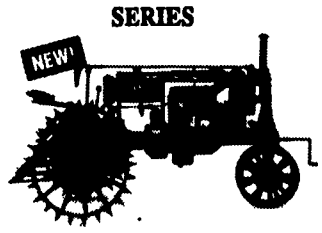

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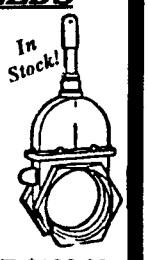

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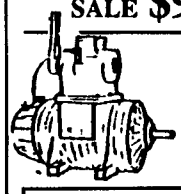

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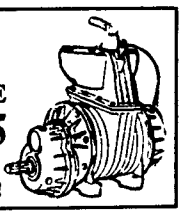

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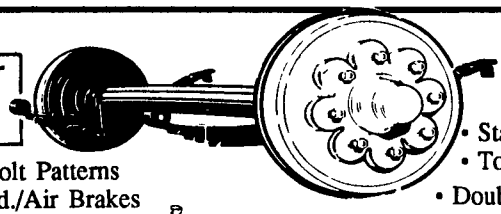

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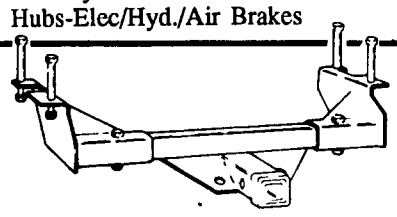

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20415 "Lite Mate" Ford Pickup7	$10.87	$9.95
22815 "Lite Mate" Chevy Pickup	$10.87	$9.95
20715 7 Wire RV Plug For "Lite-Mate"	$20.74	$18.59
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CBH200 2" Ball & Pintal Hitch	$93.04	$80.95
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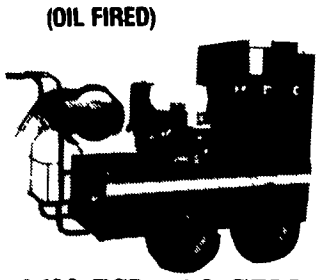

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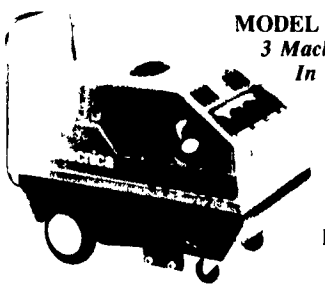

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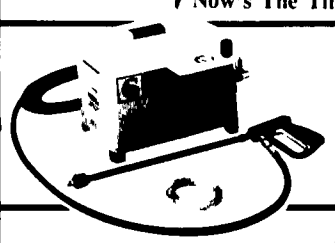

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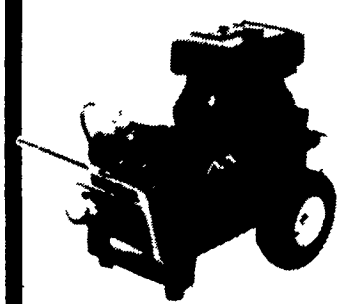

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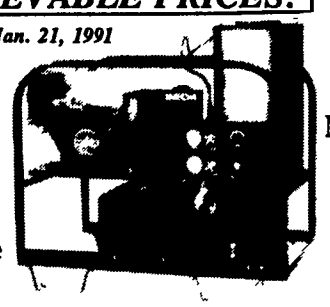

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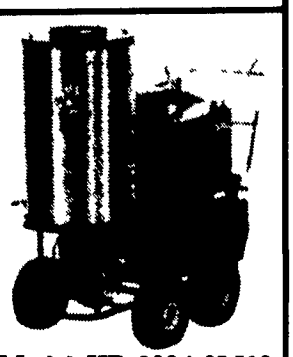

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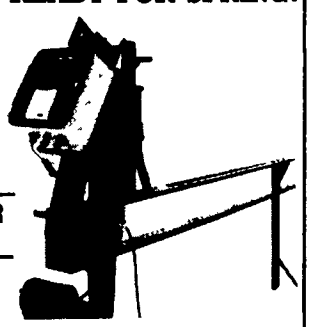

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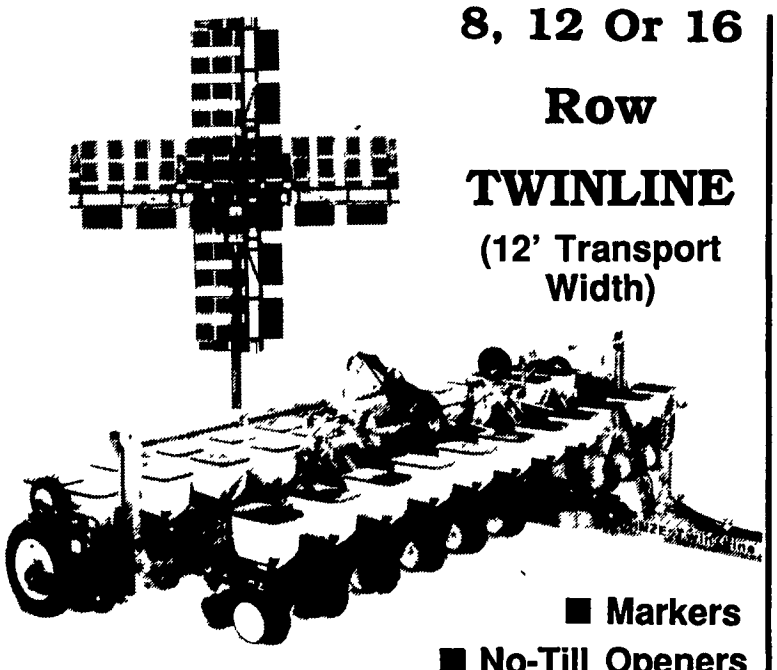

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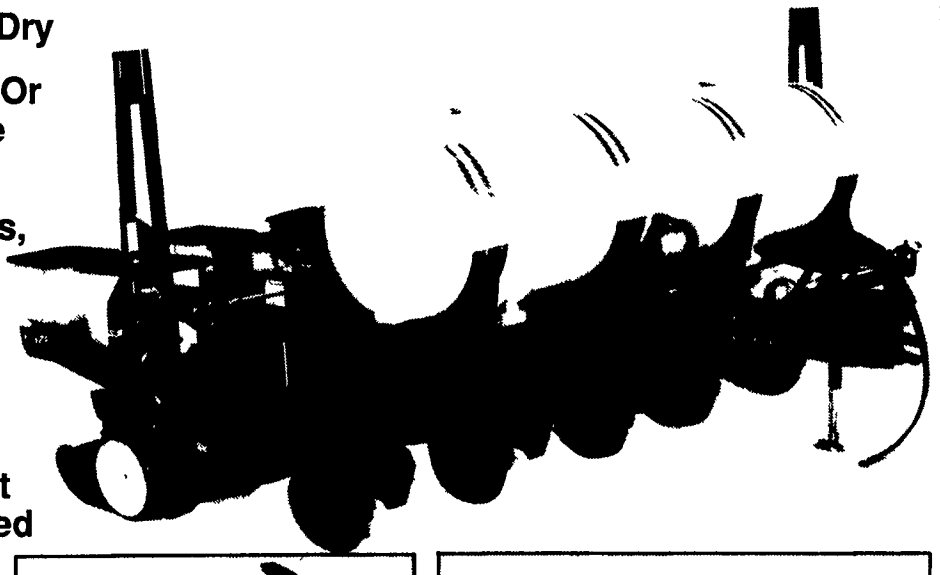
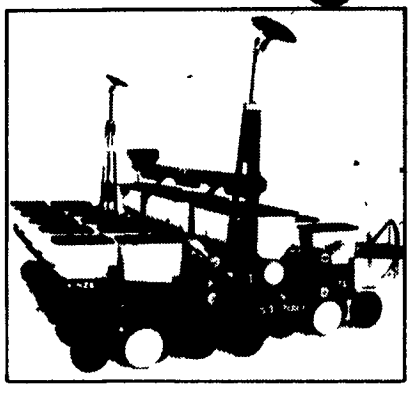
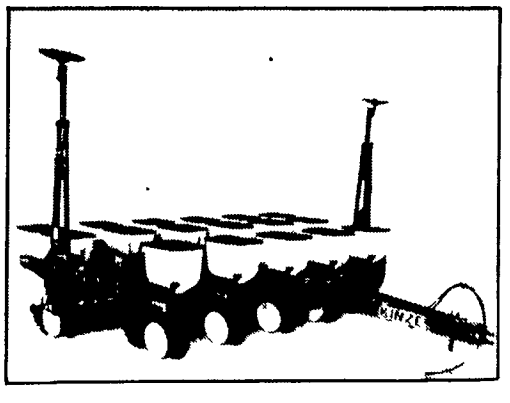






We Specialize In Planters!

BINKLEY & HURST BROS. INC.

133 Rothsville Station Rd
Lititz, PA 17543
(717) 626-4705

Farm Plan. A Service of FPC Financial

DISCOVER MasterCard

After Hours Emergency Parts Call: (717) 626-0885
(717) 626-5159 (717) 859-8768

YEAR END SPECIALS ON QUALITY CASE IH LUBRICANTS — *STOCK UP NOW & SAVE!*

SAMPLE SPECIALS:	SALE PRICE
#1-30-55 Gallon	$239.75
#1-30-5 Gallon	$25.62
Hytran Plus-55 Gallon	$236.85
Hytran Plus-5 Gallon	$25.47
TCH Trans/Hyd.-5 Gallon	$25.62
TCH Trans-55 Gallon	$245.56
Low Ash 30-5 Gallon	$28.57
15W40 Duraplus-5 Gallon	$22.25
15W40 Duraplus-55 Gallon	$219.78

ALL OTHER LUBRICANTS ALSO ON SALE DURING OUR CASH AND CARRY DAYS!

SAVINGS ON QUALITY CASE IH REPLACEMENT FILTERS FOR YOUR TRACTOR, FARM EQUIPMENT & AUTOMOTIVE NEEDS!

- **10% Discount On All Filters In Stock!**
- **15% Discount On Case Lots Of 12 Filters!**

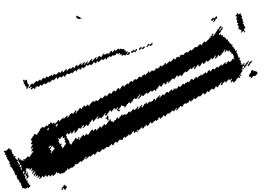
SPECIAL DISCOUNTS ON THE FOLLOWING HYDRAULIC FILTERS:

Applications
A Wheel tractor models 4490 4494, 4690, 4694 4890 4894 and 4994
B Wheel tractor models 1896, 2096, 2094 2294, 2394 2594 and 3294
C Wheel tractor models 4494 4694, 4894 and 4994

$19.22	A (A165029) Reg Sale Price $24 02	Save $4 80
$32.62	B (A176593) Reg Sale Price $40 77	Save $8 15
$38.10	C (A176594) Reg Sale Price $47 63	Save $9.53

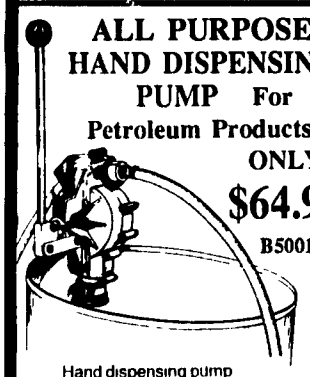
Grease guns and accessories

Pick up a pistol-grip or lever-action model — plus convenient accessories.



$13.49 (999677R91) Lever-action
Reg. Sale Price $16 49
Save $4.00

$24.31 (B500648) Pistol-grip
Reg. Sale Price $27.31
Save $2.32



ALL PURPOSE HAND DISPENSING PUMP For Petroleum Products ONLY
$64.99
B500126
Hand dispensing pump

NEW!

Citrus Hand Cleaner

Amazing new waterless formula made from orange oil cuts grease and grime fast It's biodegradable and kind to sensitive skin

7 5 fl. oz **$1.69**
List Price $1 99
Save 30¢

Also available in 14 fl oz. size
$2.66
List Price $3 66
Save 67¢

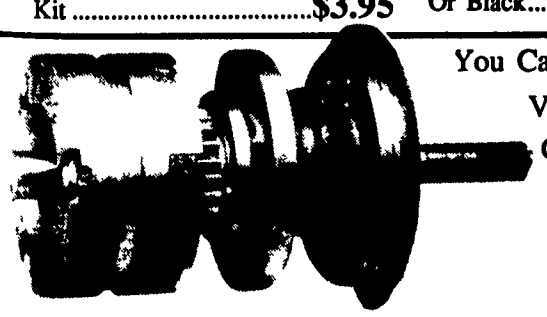
Big-dial tire gauge accurately reads air and liquid pressures!

Know exactly what pressure your tires are running — with this rugged round easy to-read gauge Brass gear movement accurately reads pressures from 0 to 100 PSI — both liquid and air Gives you longer tire life — practically pays for itself!

$5.79
(407388R1)
Reg Sale Price $7 00
Save $1.21

MISCELLANEOUS PARTS DEPT. SPECIALS:

- Barrel Pump..... List $30.42 **SPECIAL $14.89**
- Barrel Pump Hose.....**$8.98**
- Metal SMV Emblem...List $7.64 **SPECIAL $6.75**
- Roll Shop Towels.....**$1.99**
- System Gard Lube Analysis Kit **$3.95**
- Red Flexible Funnel.....**$2.49**
- Free Flo Oil Pail Spout....**$2.95**
- Battery Terminal Cleaning Kit.....**$2.55**
- Starting Fluid 10.4 oz.....**$1.75**
- Yellow Polyester Rain Suit **$12.99**
- Pullover Rain Boots, Yellow Or Black.....**$14.95**



You Can't Find A Better Value Than A GENUINE Case-IH Remanufactured Torque Amplifier

Prices based on receipt of an acceptable core.

Three-Year Warranty NOW ONLY $595 Ea.*
* For International tractors requiring hydraulic TA's excluding 84 Series

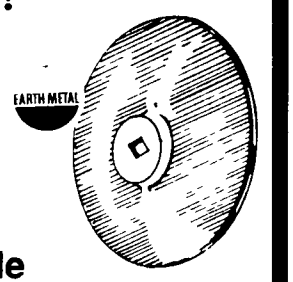
A Case IH Remanufactured torque amplifier assembly can go a long way toward restoring original performance to your tractor. In an older tractor, it may even increase load carrying capacity. That's because Case IH torque amplifier design has been improved over the years and those improvements have been incorporated in today's units. The result is positive lockup and greater strength for full-time, heavy-duty operation.

Sharpen Up Now For Spring And Save!

Now's your chance to get in shape for spring tilling and take advantage of special savings. This month we're offering Down to Earth prices on an assortment of quality Case IH tillage parts, including disk blades, moldboards and shares. See us while these special prices last!

Plow Shares As Low As $6.55

Case IH Earth Metal® disk blades As Low As $9.50 For 20" 7 Ga. 998809 R1X



Down to Earth Tillage Parts Sale

SAMPLE SPECIALS ON EARTH METAL® TILLAGE:

SHARES	SALE
16" Reg....463240R1	$6.55
16" H.D....463236R1	$9.46
18" H.D....463237R1	$9.49
16" D.S....463252R1	$9.74

BLADES FOR ALL BRAND HARROWS

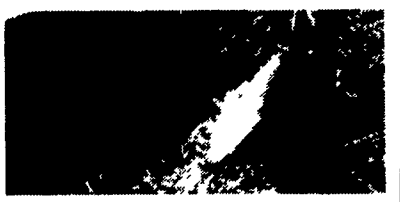
	SALE		SALE
20"/7 ga ...30922R1	$14.52	22"/¼ "....1132171R2	$23.94
20"/7 ga ...98809R1X	$9.50	24"/¼ "....998865R3	$29.34
22"/6 ga ...960968R4	$18.72	24"/5/16"..2804227R2	$39.85

SHINS	SALE	MOLDBOARDS	SALE
132001C1	$9.30	96000C1	$55.76

EARTH METAL

REBUILD YOUR MOLDBOARD PLOW WITH GENUINE CASE IH COMPLETE BOTTOMS

Available For The Following Brands Of Plows:



CASE/WHITE (Manufactured by White)	Right Hand (1986405C1) Left Hand (1986406C1)	$169.95
DEERE	Right Hand (1986407C1)	$169.95
IH NEW ITEM	Right Hand (224129C1X)	$179.95
Massey-Ferguson	Right Hand (1986409C1)	$169.95

Genuine Case IH Planter Parts... Your Best Protection Against Downtime!

Maintain The Outstanding Seed Placement Performance Originally Built Into Your 800 & 900 Planters

	Reg.	SPECIAL
• DISK OPENERS		
LH90850 C92	$31.68	$20.43
RH90851 C92	$31.68	$20.43
• FURROW FIRMING POINTS		
91265C1	$10.15	$7.77
• COVERING DISKS		
1263978 C92 Pkg. Per 2 Rows	$141.51	$105.68
• DISK OPENERS FOR KINZE & JD 7000 PLANTERS		
B500276	$26.93	$16.99
492709R2 CAP	$1.86	$1.67

GENUINE Case IH GRAIN DRILL PARTS — PARTS VALUE OF THE MONTH

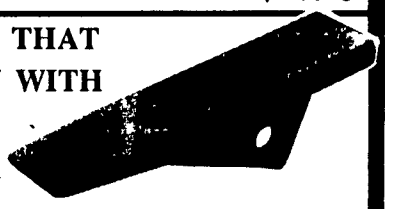
	Reg.	SPECIAL
• DISK OPENERS 603020R92 Fits IH #10, 510 & 5100	$22.61	$13.99
• DISK OPENERS-Heavy Duty 1344911C1 Fits Model 5300..	$27.13	$17.39
• DISK BEARING #598971 R91	$4.78	$1.79

1 Piece 4"x½" SOIL SAVER SHOVEL
List Price .....~~$11.95~~
DISCOUNT SALE PRICE ... $10.25

TWISTED CHISEL SHOVELS 3"x½"x22"
List Price..... ~~$8.10~~
DISCOUNT SALE PRICE $6.89

CHROME ALLOY SOIL SAVER® POINTS -
Heavy Duty, Long Wearing
SPECIAL $10.15

BREAK UP THAT HARD PAN WITH SMASHING PRICES ON SUBSOILER POINTS!

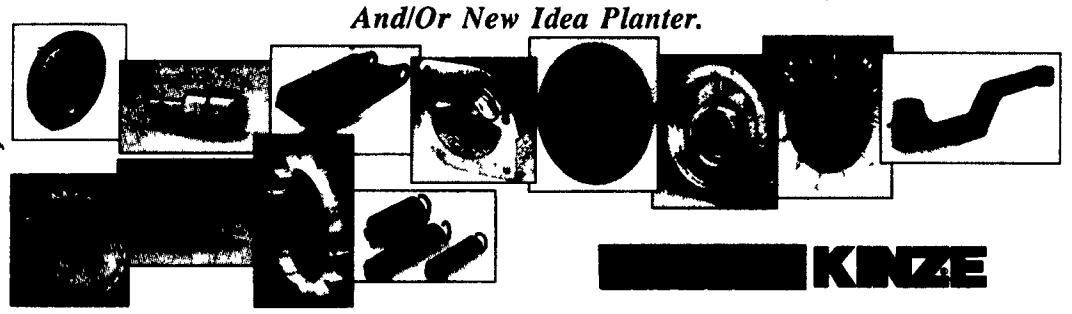


#	APPLICATION	PRICE
41B2512 SF	Sunflower	$9.50
41B2508	IH & Case IH	$8.95
41B2512 JD	JD	$9.40

1992 Planter Parts Sale

YOUR NEXT-YEAR'S PLANTER PARTS AT YEAR-END PRICES!

Check Your Planter Parts Needs Now For Your Kinze, JD 7000 And/Or New Idea Planter.



KINZE

PART #	Description	Regularly*	Special
GA2013	Opener Disc Assembly	$24.95	$18.99
GA2014	Opening Bearing	7.23	5.95
GA2022	Closing Wheel Bearing	6.35	4.95
GA2031	Soybean Feed Cup	8.51	6.49
GA2052	Standard Down Force Spring	4.65	3.98
GA2054	Closing Wheel Spring	6.46	4.99
GA2068	HD Down Force Spring	9.95	6.97
GA2116	Gauge Wheel Arm	10.75	7.99
GA3086	Closing Wheel/JD 7000, Kinze	28.41	12.00

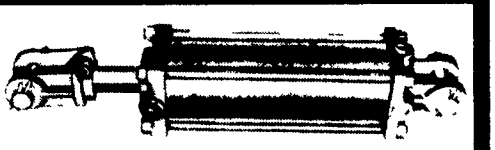
Part #	Description	Regularly*	Special
GA6056	Closing Wheel Arm	17.48	14.95
GB0117	Granular Chemical Sprocket	9.45	7.50
GD1040	Seed Belt	5.08	3.99
GD1073	Soybean Seed Guide	2.99	2.47
GR0664	Finger Pickup Carrier w/Brush	22.95	19.50
GR0933	Finger Wheel Assembly	27.50	20.40
SICW	Cast Closing Wheels	47.11	39.75

(Available 2/1/92)
*12/1/91 prices. US dollars

3"x8" HYDRAULIC CYLINDER

- 3" Tie Rod
- 12" Shaft

DISCOUNT SALE PRICE $48.95



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Machinery Sales & Parts Dept.: Mon.-Fri. 7 AM to 5 PM; Sat. 7 AM to 11:30 AM; Sun. Closed-Lord's Day

Meet the new 1100 Series

Model	Engine HP	Hitch
1120	19 (14.2 kW)	Cat. 1
1130	23 (17.2 kW)	Cat. 1
1140	27 (20.1 kW)	Cat 1

WHY NOT PURCHASE A NEW CASE IH 1100 SERIES TRACTOR WITH A CAB FOR WINTER-TIME WORK!?

These all new Case International compact tractors live up to the reputation of the popular MAGNUM and MAXXUM tractors. The 1100 Series tractors give you the rugged durability and all around versatility you need.

Reliable and productive. Mowing. Garden tilling. Landscaping. Snow removal. Livestock clean up. Let an 1100 Series tractor tackle any job you have with easy on/easy off implements, power steering, hydrostatic transmission and mechanical front drive (MFD).

Comfortable and convenient. The cushioned high backed seat keeps you comfortable, while controls are right at hand. The steering wheel even tilts in and out of working position. For your convenience, the mid mount mower has its own hydraulic lift and PTO so you can power other implements without removing the mower.

Now you can get the durable performance of Case International MAGNUM and MAXXUM tractors in a compact size. See the new 1100 Series tractors today.

WE HAVE THESE UNITS SET-UP- READY FOR YOU TO PUT TO WORK!

A Standard Feature Includes A Low Engine Oil Pressure Safety Shutdown System!

All New Model 1120 19 HP Diesel Hydrostatic Drive, Fold-Down Rops, Shaft-Driven 60" Mower With A Raised Deck Clearance Of 7", Console Shiftung And Lots Of Other Fine Features - *This Tractor Is Prepped And Ready For Work!*

All New Model 1140 27 HP Diesel, 4 Wheel Drive With Heavy Duty Loader Mounted And Ready For Work!

STOP IN & TEST DRIVE ONE SOON!

BUY NOW FOR SPRING WITH WAIVER TILL MAY 1, '92

Case IH 4500 Vibra Shank Field Cultivators

Ideal For Seedbeds, Light Tillage And Fallowing, Such As Preparing Fall Seeding Ground

Don't Wait, Most Sizes Are One Only In Stock At Special Prices!

Sizes In Stock!

- 9½ Ft. Pull Type
- 11½ Ft. Pull Type
- 13½ Ft. Pull Type
- 14½ Ft. Pull Type Wing
- 15½ Ft. Pull Type Wing
- 16½ Ft. Pull Type Wing

Wing Model With Specially Designed Narrow Fold For Easy Transporting.

Also: Heavy Duty Model 4800 With Oscillating Tandems In 22'9" Width

OLD PRICE - BIG SAVINGS!

In Stock!

8420 Round Baler

39" Wide
30" to 54" Dia.

WAIVER TILL MAY 1, 1992 - THEN 5.9% FINANCING!

Opens your soil down deep!

Loosen Up Hard Sunbaked Soil And Get Ready For Fall Seeding And Winter Rains With A Case IH Subsoiler From Binkley & Hurst Bros. Inc.

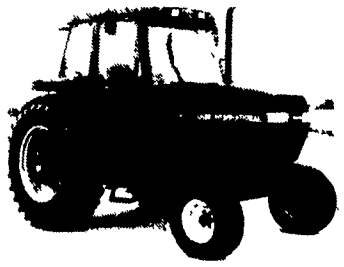
Case International 14 Subsoil Chisel

Works behind high-horsepower tractors to open soil down to 20 inches for deep-down penetration of water and air. Parabolic curve shanks lift soil vertically for a wide area of soil fracture. Shank design and V-shape frame combine to deliver easier penetration, reduced draft and less fuel consumption.

- 5-shank model with 10' working width, automatic reset shanks.

See how deep chiseling can help increase your yields.

BINKLEY & HURST BROS. INC. HAS A MAXXUM 5100 SERIES TRACTOR FOR YOU!



SEE US FOR NEW CASE IH MAXXUM TRACTORS IN STOCK!

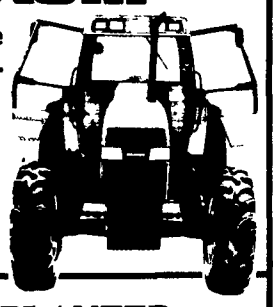
5120 ....77 HP
5130 ....86 HP
5140 ....94 HP

MAXXUM: The Tractor That Wasn't Just Built For Farmers, It Was Built By Farmers...

MAXXUM™

MAXXUM tractors feature door-to-door convenience.

A Greatly Appreciated Feature Is Our Two Door Cab!



NEW CASE PLANTER - Set-Up & Ready To Deliver

Order Now And Get 10% OFF Plus Waiver Till 5-1-92

NOTICE! New Case IH 900 6 Row 30" Air Planter - Loaded With Options

Let's Make A Deal - Don't Miss This Opportunity!

YEAR-END SPECIAL ON A NEW 3 PT. ROTARY HOE!

BINKLEY & HURST BROS. INC. Is Your Case IH Tractor Dealer With Service To Back Every Sale!!

Unleash The Power Of A Magnum On Your Farm And Own The Best!

MAGNUM

7110 & 7120 In Stock
New With 4 Reverse Speeds Trans.

Case IH put more into the new MAGNUM Tractor line than any farm tractors developed in over twenty years. Here's why you'll get more out of it.

MAGNUM means more. Outstanding field performance from a new 505-cubic-inch turbocharged engine with reverse power. MAGNUM power.

The MAGNUM Tractor's powershift plus 18 speeds of shift-on-the-go workpower at your fingertips - standard. And only MAGNUM Tractors offer a full powershift creeper transmission with six additional speeds from .5 to 2.1 mph for more control and performance. MAGNUM performance. The MAGNUM Tractor's new larger cab has 48 square feet of window area - virtually unobstructed visibility - more room and more seating comfort. MAGNUM comfort.

It all adds up: Case IH MAGNUM Tractors are setting new standards for the 130-195 PTO hp power range and for you. See us for details.

Only Case IH Offers You A Warranty Like This! 5 Years Or 5000 Hrs.;

The MAGNUM 5-Year/5,000-Hour Warranty

MAGNUM means more! But there's much more to a MAGNUM tractor than meets your eye. Because behind the more powerful engines, the more efficient transmissions and the high-visibility cabs ..

Stands the best warranty in the business: The MAGNUM tractor 5-year/5,000-hour warranty, whichever occurs first.* A warranty that gives you coverage, from top to bottom, front to back. It's the best warranty in the business. By far.

The way MAGNUM tractors are built there's a good chance you'll never need to take advantage of this advantage.

Come on in and look over the all-new MAGNUM tractors. And ask us for details on the best warranty... and the best tractors in the business.

5,000

* Excluding tires, which are covered by their own manufacturers warranties. A $200 deductible applies to each repair after the first year.

WE HAVE A LOT IN STORE AT OUR DEALERSHIP NOW

- Case IH Magnum 7110, 4 WD, 130 HP
- Case IH Magnum 7120, 2 WD, 150 HP
- Case IH Magnum 7120, 4 WD, 150 HP
- Case IH Magnum 7140, 4 WD, 195 HP

Why Not Get A Super Lease With Purchase Option Deal From Binkley & Hurst Bros. Now And We'll Help You Out Of A 1991 Tax Situation!

SPECIAL OFFER ON THIS NEW 120 HP CASE IH 2096 ALL WHEEL DRIVE TRACTOR AND 2 WHEEL DRIVE

Case IH With Power Shift, Cab & Air

More Power & Longer Life Case Command Diesel Power, 540-1000 Reversible PTO

IN STOCK!

BEFORE BUYING A GRINDER MIXER, CONSIDER CASE IH AT BINKLEY & HURST BROS., INC.-

Case IH Grinder Mixers Have A Featured Unloading Auger Like No Other Competitor Offers... Which Is Center Mounted & Can Be Swung To Either Side For Better Unloading Reach. *Stop In & See This Nice Feature.*

New Case IH-Model 1350 With Digital Scales - In Stock And Ready To Grind!

With 3 Foot Extension Auger!

Big New 150 Bu. Capacity With Scales & Other Fine Features - 21" Hydraulically Driven Auger Feed, 2 Screens, Large Flotation Tires 26" Mill.

It Can Grind Up To 120,000 Lbs. Of Shelled Corn Per Hour

BINKLEY & HURST BROS., INC.

133 Rothsville Station Rd., Lititz, PA 17543

Located ½ Mile North of Rothsville

(717) 626-4705 **1-800-IT PAYS U**

Machinery Sales & Parts Dept.
M-F: 7 to 5 Sat.: 7 to 11:30
Sun. Closed - Lord's Day

After Hours Emergency Parts Call:
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(717) 859-8768

case ih

If You Want Precision Seeding, You Need A New Case IH 5300 Series Grain Drill From Binkley & Hurst Bros. Inc.

NO MATTER IF YOU PLANT SMALL GRAIN OR SOYBEANS!

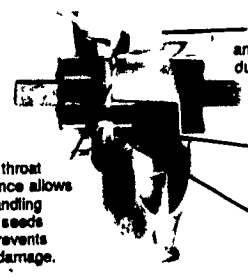
We Have These Sizes In Stock:

- 16x7
- 20x6
- 24x6

A Special Feature For All Case IH Grain Drills

Fluted Roll Feed Cup Assemblies Save Seed and Save Time

A Known Fact That Case IH Die-Cast Zinc Alloy Feed Cups Are Superior To Other Competitive Brands Long Life Comes From Oil-Impregnated, Molded Sintered Metal Inserts Acts As A Positive Bearing Surface To Surround And Support The Fluted Roll



Fluted roll is precision-molded and won't freeze up during idle periods.

Shut-off block is molded of steel and delivers consistent cup to cup seeding accuracy.

Large throat clearance allows the handling of big seeds and prevents seed damage.

Exclusive tapered metering edge at the bottom of the feed cup provides unexcelled seeding accuracy, even seed flow, and more uniform spacing.

For replacement parts for your existing drill, buy Case IH quality from our Parts Dept. Now!

Precision engineered to fit your grain drill exactly!

REMEMBER: Quality Drills Come From Binkley & Hurst - ***Let's Get Together Now!***

Why settle for inferior look alikes when you can have genuine Case IH fluted roll feed cup assemblies — renowned for accuracy, smooth operation and long life

We Have An Extra Special Year-End Price On A New Case IH 24x6" Spacing Model 5300 Grain Drill - ***Stop In Soon!***

LOCK IN A SUPER YEAR-END DEAL NOW!

Financing: 0%-9 Mos. 5.9%-48 Mos.

CHOOSE YOUR SIZE

- Model 395 - 35 HP
- Model 495 - 42 HP
- Model 1595 - 52 HP
- Model 695 - 62 HP
- Model 895 - 72 HP
- Model 995 - 85 HP, Turbo Charged, Super Power

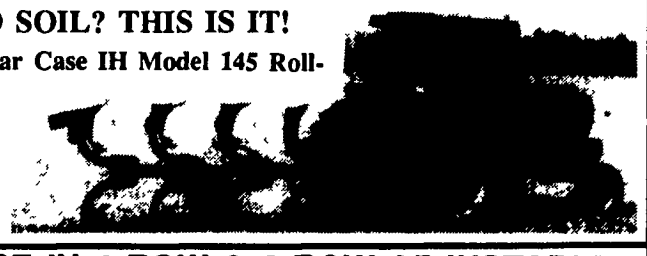
A Synchronized Shuttle Reverser Option Makes Your 95 Series Tractor A Great Loader Tractor

Come in for a super deal on a great new Case IH 95 Series Tractor with lots of fine features including new shuttle shift and creeper speed transmission options and easier, faster shifting. Easy-to-read instrumentation in a new, enlarged control console. Exceptional visibility. All to make the work go easier, and the days go faster. Best of all, Case International 95 Series tractors promise the same durability and reliability you've come to expect from the 85 Series. So you'll get dependable performance year after year.

NEED A PLOW TO PENETRATE HARD SOIL? THIS IS IT!

New Popular Case IH Model 145 Roll-Over Hydraulic Reset Plows Are Here!

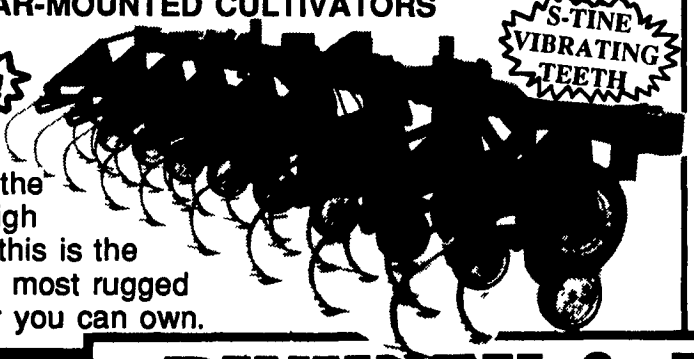
18" 3 Bottom & 4 Bottom



NEW CASE IH 4 ROW & 6 ROW ADJUSTABLE 183 REAR-MOUNTED CULTIVATORS

IN STOCK!

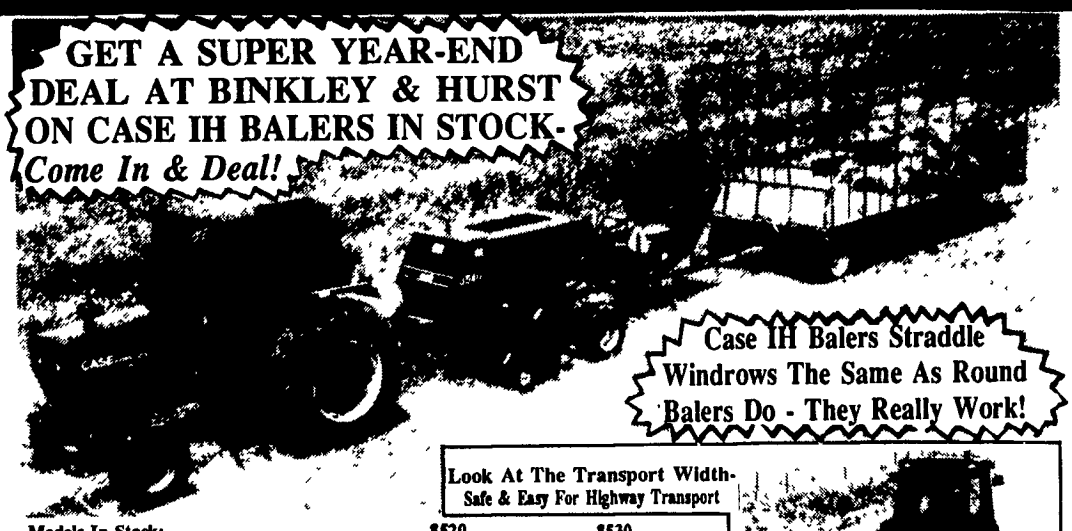
S-TINE VIBRATING TEETH



For working close to the row at high speeds, this is the simplest, most rugged cultivator you can own.

GET A SUPER YEAR-END DEAL AT BINKLEY & HURST ON CASE IH BALERS IN STOCK-

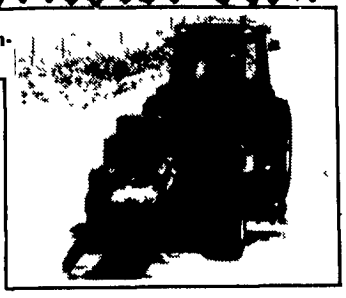
Come In & Deal!



Case IH Balers Straddle Windrows The Same As Round Balers Do - They Really Work!

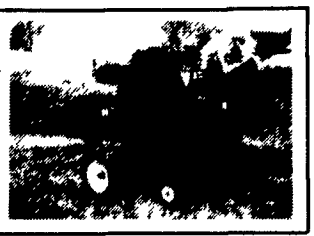
		8520	8530
Models In Stock:			
Baler Dimensions:	Length w/bale chute	17 ft	17 ft
	Length w/bale thrower	20 ft.	20 ft
	Overall width	7 ft. 11 in.	8 ft 5 in
Tire Size:	Standard:	7 60x15	9 5Lx14
	Optional:	9 5Lx14	11Lx14
	Pickup gauge wheels:	3x12 in.	3x12 in
Tractor Requirements:	PTO speed	ASAE-SAE	ASAE-SAE
	Recommended PTO hp	540 rpm	540 rpm
		35 hp	35 to 60 hp

Look At The Transport Width- Safe & Easy For Highway Transport



NOTICE: We Have 2 Balers At Old Prices With Throwers: MODEL 8520 and MODEL 8530. If You Make The Deal Before Dec. 31, 1991, You Can Get A Waiver Of Finance And Payments (With Approved Credit) Till May 1, 1992 - And Then Up To Another 42 Months At Only 5.9% APR.

BUY THE BEST HORSE DRAWN BALER ON THE MARKET TODAY - CASE IH!



With The Price Savings & Waiver You Should Decide Now & Be Ready For Spring!

BUY OUT-OF-SEASON AND SAVE!

Factory Discounts Expire Dec. 31, 1991

Let's Make A Deal On This Old Priced Machine Now... Before Year-End.

LOOK AT THIS...

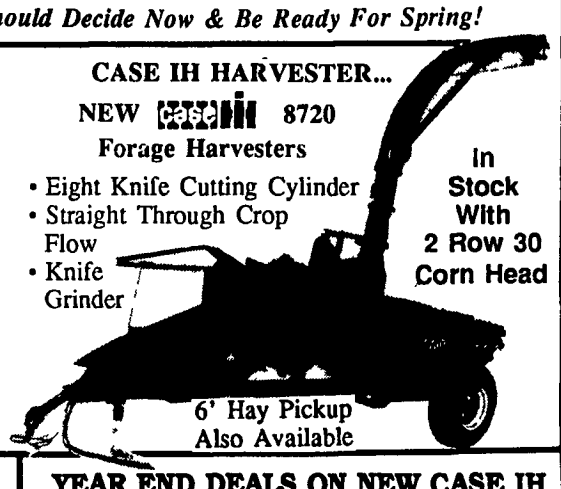
Buy This New Case IH 8720 Chopper And Get A Waiver Till May 1, 1992 And Then 5.9% Financing - ***Don't Pass Up A Super Deal Like This On This Great New Chopper!***

CASE IH HARVESTER...

NEW case IH 8720 Forage Harvesters

- Eight Knife Cutting Cylinder
- Straight Through Crop Flow
- Knife Grinder

In Stock With 2 Row 30 Corn Head



6' Hay Pickup Also Available

Don't Miss A Super Year-End Deal On This Case IH 42 HP All Wheel Drive Diesel Tractor!

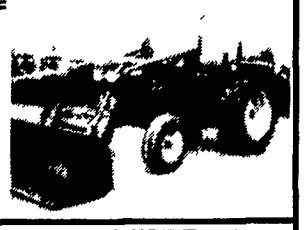
With A Forward & Reverse Transmission And Lots Of Other Fine Features.

Come In & Purchase This Quality Tractor Now!

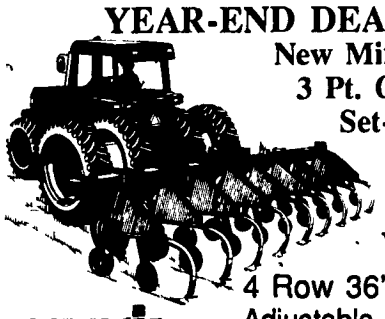
YEAR-END SPECIAL

Try This New Case IH Loader Tractor 52 HP Model 595 w/2250 Mount-O-Matic Loader

Also: All Wheel Drive 595 Tractor With Loader



★ SPECIAL LEFT-OVER ★ YEAR-END DEALS!



New Minimum-Till 3 Pt. Cultivator Set-Up & Ready To Work On Your Farm!

4 Row 36"-40" Adjustable Row Spacing With Cushion Clamp Shanks. Cat II or III 3 Pt. Hitch

case IH

WE HAVE ONLY ONE IN STOCK!

YEAR END DEALS ON NEW CASE IH HAY MACHINERY IN STOCK

- Case IH Model 860 Ground Drive Parallel Bar 8'6" Raking Width
- Model 960 Rake 9'6" Raking Width
- 3 Pt. 5'6" Disc Mower Model 3204
- 8720 Forage Harvester With 2 Row 30" Corn Head And 72" Hay Pickup
- 9 Foot Model 3309 Pull Type Disc Mower Conditioner
- 8330 9'3" Cut Pull Type Mower Conditioner
- 8340 9'3" Pull Type Mower Conditioner
- Case IH 600 Forage Blowers
- Small Roll 8420 Round Baler 39" Wide Up To 54" Height Bale Size Variable
- 8530 In Line Square Baler With Bale Thrower At Old Price
- 8520 Inline Square Baler With Bale Thrower At Old Price

Come And Get A Good Year End Deal!

FROM FIELD TO SILO...

You Can Count On The Performance And Reliability Of Case IH Forage Equipment!

They're Here! Case IH 600 Blowers

BINKLEY & HURST BROS., INC.

133 Rothsville Station Rd., Lititz, PA 17543

Located ½ Mile North of Rothsville

Machinery Sales & Parts Dept.
M-F: 7 to 5 Sat.: 7 to 11:30
Sun. Closed - Lord's Day

(717) 626-4705 **1-800-IT PAYS U**

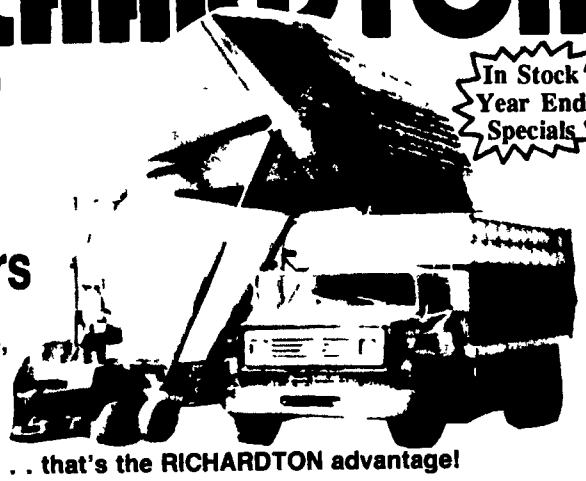
After Hours Emergency Parts Call:
(717) 626-0885 (717) 626-5159
(717) 859-8768

case IH

RICHARDTON

A Step Ahead For Farmers

In Stock Year End Specials



Proven safe, fast and reliable in all field conditions . . . that's the RICHARDTON advantage!

Get a step ahead at harvest with fast, reliable Richardton Dump Wagons that handle big loads under all field conditions.

More sizes, more options, more strength, more uses, and less maintenance — that's what makes Richardton wagons so popular with silage, haylage, corn, vegetable and grain growers.

Heavy framing, variable loading and dumping heights, fast dumping cycles, up to 30,000 lb. capacity, superior stability, and variable hitch and tread spacing for row crops are just a few Richardton wagon features.

SIX MODEL CHOICES FOR Silage • Haylage • Seed Corn • Sweet Corn • Sugar Beets • Tomatoes • Carrots • Ear Corn • Beans • Cucumbers • Grain • Peas • Chaff • Straw • Potatoes • And More!

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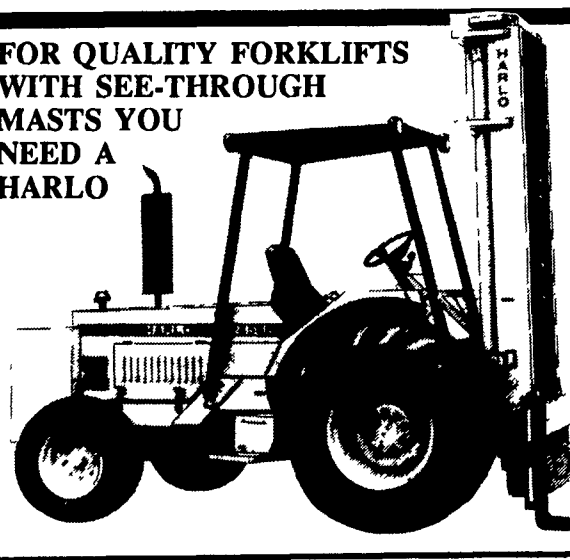
Lititz, PA 17543

(717) 626-4705 1-800-IT PAYS U

DISCOVER MasterCard Farm Plan. A Service of FPC Financial

FOR QUALITY FORKLIFTS WITH SEE-THROUGH MASTS YOU NEED A HARLO



For More Information Call Our Sales Department Now And Ask For Merv!

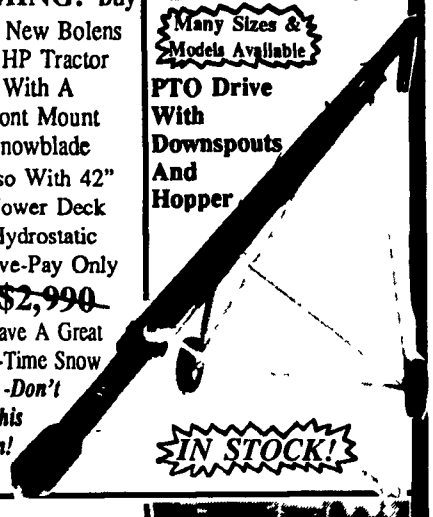
WINTER IS COMING! Buy This New Bolens 16 HP Tractor With A Front Mount Snowblade Also With 42" Mower Deck Hydrostatic Drive-Pay Only ~~$2,990~~ And Have A Great Winter-Time Snow Pusher *-Don't Miss This Bargain!*

54" Snow Blade

HEAVY DUTY PTO DRIVEN

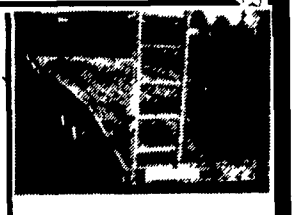
Many Sizes & Models Available

PTO Drive With Downspouts And Hopper



IN STOCK!

Meyers Makes Winter Time Pasture Feeding Or Round Bale Transporting Very Simple With This 2-In-1 Machine. This Feeder Wagon Can Easily Be Folded Flat Into A Long Low Flat Deck So You Can Easily Load Round Bales For Transport. Call Amos Sr. Today!



12,000 GVW Tandem Axle Trailer w/Electric Brakes

ONLY **$3,250**

Stop In And Ask For Amos Sr.

Lift Over 2000 Lbs. With A New Gehl 60 HP Diesel Skid Loader - In Stock. You'll Like The Strength Of This Machine. Right Now Get A Super Year-End Rebate - Now Is The Time To Deal!

BINKLEY & HURST BROS. INC.

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½ Mile North Of Rothsville

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Farm Plan. A Service of FPC Financial

DISCOVER MasterCard

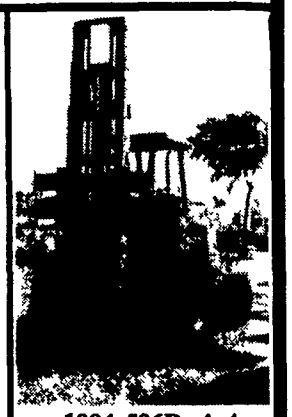
Best Buys in Used Equipment

EXCELLENT CONDITION!

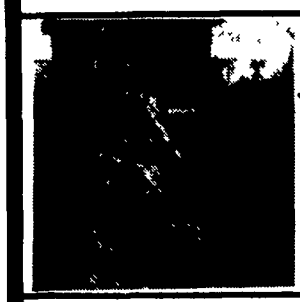
Case 1150C Crawler Loader,

105 HP, 1¾ Yd. Bucket

$24,800

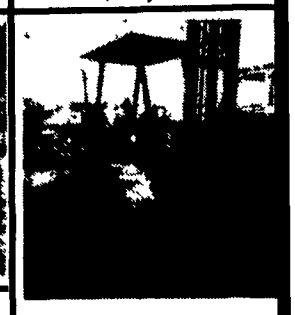


1984 586D, 4x4 Forklift, 6000 Lb., 21' H, Good Cond. $16,900



1978 JD 450C, Loader, ROPS, GP Bucket, Hoe Brackets

1985 Komatsu D41S, Cab & Heat, GP Bucket w/New Edge & Teeth, Good U.C., Exc. Cond.



1982 Case 586D Forklift, 6000 Lb., 14' Mast $14,900

Case Terra-Matic Diesel, Good U.C. $3,500

Case 580B, Cab, Std. Hoe $8,800

580 CK Forklift, 4000 Lb., 21' Mast, Diesel $5,900

1980, TCI, D4P80, 8000 Lb., 4x4 3 Cyl. Detroit

1986, 580SE, 4x4 Cab, Std. Hoe, 1649 Hrs. $23,500

LOOK AT THIS!

GOOD USED TRACTORS

Most Of These Tractors Are Eligible For 5.9% Financing For 4 Years

(1) UT 2543 John Deere 4630 Cab & Air Tractor In Very Good Condition

(2) UT 2435 Case IH 385 Diesel Tractor, 35 HP With Only 768 Original Hrs., Case Tops Warranty To Aug. 30, 1993 Or 4000 Hrs. With New Case IH Loader Installed

(3) UT 2487 IH 5088 Cab & Air, 20.8x38, Dual Shaft, PTO, Completely Service Ready To Work!

(4) UT 2278 Case 1070 Diesel Cab Tractor With Power Shift

(5) UT 2298 Massey Ferguson 2705 Cab & Air, Only 2302 Hrs., 24 Speed Power Shift, 540-1000 PTO, 12 Front Weights

(6) UT 2509 Deutz DX140 Cab & Air, Power Matic Shift, 20.8x38, 80% In Very Good Condition

(7) UT 2511 Case 1690 Diesel Tractor 90 HP Rated 18.4x34 Rear Tires, Duals, Remotes

(8) UT 2573 Ford 2600 Gas Powered Tractor With 1100 Hrs., Good Tires, Good Condition

(9) UT 2563 Deutz D130-06 Diesel Tractor With Cab & Heater, 540-1000 PTO, 2 Remote Outlets, Engine Our Less Than 100 Hrs. Ago

(10) UT 2553 Case IH 485 Diesel, 42 HP Tractor Only 490 Hrs.

USED SKID LOADERS

(1) UT 2538 1990 Case 1835C Diesel Uniloader With Aux. Hydraulics With 60" Bucket With Tooth Bar On Bucket, Lights, 708 Original Hrs.

(2) UT 2512 Case 1830 Gas Uniloader 2366 Hrs., 66" Utility Bucket With Counter Weights & Lights, Approx. 30 HP

(3) UT 2114 Case 1845C Used In Our Shop With Aux. Hydraulics, 72" Quick Coupler Bucket $10,800

(4) UT 2406 Case 1845C 51 HP Diesel Uniloader, 1987 Model, 12:00x16.5 Tires, New 73" Bucket

(5) UT 2456 Gehl 52 HP Model 5620, 1989 Model Perkins Power, 1032 Hrs.

(6) Ut 2295 1980 Case 1835 Diesel With Utility Bucket

(7) UT 2524 Case 1835B Diesel Uniloader 1983 Approx. 2000 Hrs., Excellent Condition

(8) UT 2564 Case 1830 Uniloader With 60" Utility Bucket, Bucket Nice!

(9) UT 2569 Case 1830 Uniloader With Good Dirt Bucket

(10) UT 2570 Gehl 4400 Hydrostatic Drive Skid Loader With 65" Bucket (Nice Unit)

(11) UT 2550 Gehl 3610 Diesel Skid Loader, 1986 Model With 54" Wide Bucket

(12) UT 2545 Gehl 4610 Diesel Skid Loader, 1988 Model 44 HP, With 65" Bucket

(13) UT 2552 Case 1845 Diesel Uniloader

(14) UT 2566 Case 1845B Diesel Uniloader 72" Bucket

(15) UT 2575 Case 1840 Diesel (Case Cummins Powered) 50 HP With 63" Utility Bucket With Block Heater, Lights, Low Hrs.

BINKLEY & HURST BROS., INC.

133 Rothsville Station Rd., Lititz, PA 17543

Located ½ Mile North of Rothsville

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case IH

YEAR-END SPECIALS ON GEHL EQUIPMENT!

GEHL BOX SPREADERS WORK!
(For Less Money!)

Gehl-Tuff flooring prevents the apron from freezing to the floor, allowing manure to slide out with little resistance (10 year warranty.)

Durable 12 gauge Gehl-Steel sides are corrosion resistant for long life (10 year warranty)

2 Speed Drive

Equipped With Heavy Duty Web

GEHL SPREADERS ARE EASY TO LOAD WITH SKID LOADERS BECAUSE THEY ARE LONGER AND NARROWER (Easy To Reach)

GOT MANURE TO HAUL? GEHL IS THE ONE! EVEN WHEN IT'S EMPTY, IT'S LOADED... WITH LOTS OF FINE FEATURES!

JUST RECEIVED: 425 Bu., 325 Bu., 250 Bu. Models *Just Traded!* Almost New Gehl 175 Web Spreader

BUY QUALITY GEHL!

North America's #1-Selling V-Tank Spreader

From BINKLEY & HURST BROS. - Your GEHL Dealer!

The Gehl Scavenger"II is the "original" V-Tank spreader and still the best It delivers outstanding performance in all types of manure, from liquid to semi-solid to pen-packed or even frozen manure

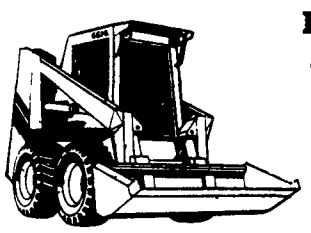
- **Patented square-tube auger** — Hydraulically powers up and down to break up solid material
- **Varifle discharge** — Spreads smoothly and evenly for complete application control
- **Five models** — From 192 to 596 bushel heaped capacities to match your operation
- **10-year warranty** — Against rust-through on the tank for peace of mind
- **Options include** — Truck-mounted units and hydraulic lids

GEHL

★ SPECIAL OFFER ON A 596 BU. MODEL MS 329 SPREADER

With 72" Bucket, 27 Cu. Ft.

See Us For A Demo.



BINKLEY & HURST BROS. INC. HAS A GREAT SELECTION OF QUALITY NEW GEHL SKID LOADERS WITH LOW RATE FINANCING OR DISCOUNTS UP TO $2,000

TOUGH-BUILT LOADERS ARE HERE -*GET ONE NOW!*

THESE UNITS IN STOCK:

4610	5620	6620
Perkins	Perkins	Perkins
104-19 diesel	4 154 diesel	4 154 diesel
44 @ 2800 rpm (32.84 kw)	56 @ 2750 rpm (38 81 kw)	60 @ 3000 rpm (44 78 kw)
4	4	4

Faster. Smoother. At any job.

WE HAVE AN EXTRA SPECIAL DEAL ON A GEHL 5620, 52 HP AT OLD PRICE AT $2,000 OFF!

YEAR-END SPECIALS ON OTHER NEW GEHL EQUIPMENT-*CHECK THIS LIST!*

- New Gehl 9' Model MC2170 With Hydraulic Hitch Swing & Bolt-On Knife Sections
- New Gehl 10 Ton Running Gear
- New Gehl 1540 & 1580 Forage Boxes
- New Gehl 970 Forage Boxes
- New Gehl Mix 170 Grinder Mixers.

GEHL *Stop In & Make A Special Year-End Deal Before*

We Lose Our Big Cash Discounts - Buy Now!

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MasterCard DISCOVER

HUSKY EQUIPMENT -

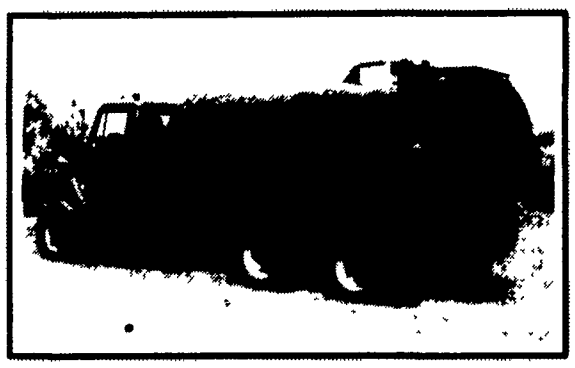
BUILT LIKE ITS NAME!

See Us For All Your PARTS & SERVICE NEEDS Related To Vacuum Equipment!

(We Stock Vacuum Pumps)

LIQUID MANURE HANDLING SYSTEMS

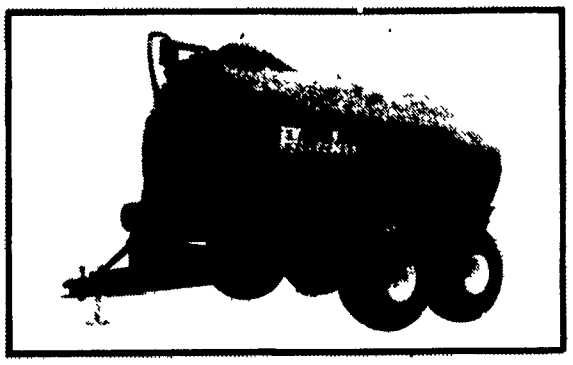
Vacuum and Top Fill Spreaders



HAULING TANK

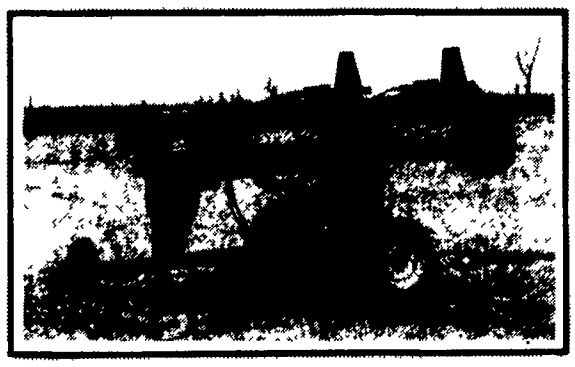
- Heavy duty axle & undercarriage w/5 yr. warranty
- Hard coat epoxy inside
- Front or rear injectors available
- Truck mount or pull type

Sizes from 1500 gal. to 6000 gal.



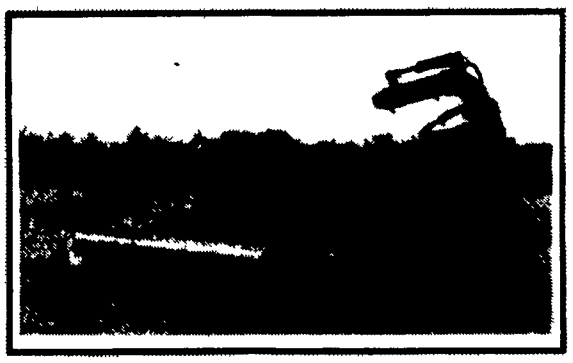
VACUUM TANKER

Lagoon Pumps & Vertical Pit Pumps



PIT PUMP

- 3600 gpm to 7000 gpm
- 6" or 8" pumps - 540 or 1000 PTO
- Vertical deflector
- Manual or all hyd. controls
- Option propeller agitator - (Hyd controlled)
- Change from agitation to load at full speed



LAGOON MANURE PUMP

BINKLEY & HURST BROS. INC.

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Phone: (717) 626-4705 • Fax: (717) 626-0996

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SMITH FARM EQUIPMENT
30 Acker Rd.
Newport, Pa.
Perry County
717-567-3562

Gleaner M2 Combine, 13' grain head

USED EQUIPMENT

NH 555 Skid Loader
NI 323 picker
Oliver 1755D WFE cab 3 pt.
Oliver 1650 Gas NFE w/ Roll Bar
IH 966 w/cab
IH 560 Gas
656D Hydro
MF 180 Dsl.
154 Cub Lowboy w/60" mower
300 Gas w/loader
(New) JD 148 Loader
NH 27 Blower
Flo-Eze wagon
NH 273 Baler and Thrower
56 Hustler Silage Blower
Steel Hay Wagons
Demco 300 Gal. Sprayer
Oliver 1650 D w/Cab
NI 324 Picker

NEW IDEA — WE

USED EQUIPMENT

NH 495 Haybine
(2) NH 489 Haybine
A 6R 30" Head for AC Combine
JD 27 Flail
JD 7000 12R Corn Planter
Hesston 4600 Baler w/ Thrower
Hesston PT10 Windrower
MF Model 52 Disc
White 80 4WD Tractor
White 288 Tractor w/Cab, Sharp!
White 8900 Combines
Farmall M Tractor
Westfield 8x51 Auger
Ford 118 Plow
IH 986 Tractor w/Cab
White 5100 6R Planter Liquid
White 5100 4R, Liquid
JD 7000 6R Planter
MF 22 Bale Thrower
Woods 84" Rotary Cutter, 3 Pt
Vicon 2400 Lb Fertilizer Spreader

STANLEY'S FARM SERVICE
RD Box 46
Klingerstown, PA
717-648-2088

Kelly Ryan Big Bagger

NEW ADVANCED HI-RISE BAGGER
8', 9' - 2 Wheel, Self cleaning
TRENCH COVERS 6 MIL BND, B&W
UP NORTH SILAGE BAGS
CUSTOM BAGGING

AG PRODUCTS CO., INC.
717/328-3177

1986 MF 270 w/235 QA Loader, 1 Owner $9,500
Farmall 706 Gas F.H. & Drawbar, WFE, Flat Tops $2,950
MF 165 Gas ROPS, Clean, 1st Time Offered $4,500
1976 Chevy C65 w/24' Jerr Dan 60,000 Miles ..... Call
JD 620 Standard 1 Owner, 4500 Hrs., Easy Restoration
MF 2805 2WD Cab & Air $8,500
MF TO-30 Reconditioned $2,500

WANTED TO BUY: Case 310 Crawlers, Need Not Operate

ED GOODRICH JR.
607-642-3293
642-8519 Nights

"Call Us For Your New Equipment Needs. Ask About Our Program Options."

USED EQUIPMENT

Yanmar model 155D 4WD, turf tires
(2) NH L455 skid steer ldr.
NH L35 skid steer, reduced!
Ford 2910, Only 364 Hrs.
Ford 535 TL
Ford 555A TLB w/extendable dipper extremely clean
Ford 4600 dsl. w/cab, very clean
Ford 4600, SU w/loader, very clean
Ford 8N
David Brown 995
NH 320 baler, clean
(2) NH 273 baler, SS/PU, w/throwers
NH 276 baler w/thrower
NH 310 w/70 thrower
NH 520 w/endgate, excellent cond
NH 680 spreader w/endgate
Meyers 350 spreader w/endgate
NH Haybines: 469, 479, 488
NH 770 2 RN head
Gehl blower w/re-cutter
Gehl CB600 2R head & windrow pickup
NH 770 w/2RN
(2) 13 disc Ontario drill
Athens 131 disc
IH 720 plow 4x18
84" snow blade f/NH skid steer
Used 8x18 Bale King

We're Over Stocked In New Box Spreaders. Call Us!

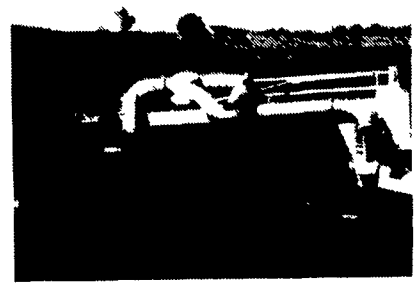
Parts Shipped UPS Daily

New Ford 2910 Super Buy Make Offer

(717) 243-2686

R & W EQUIPMENT

VORTEX

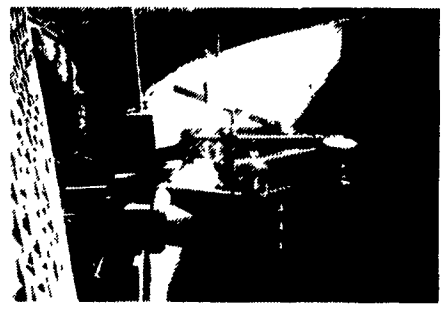


VORTEX Pumps

Check Out These Features

- Heavy duty construction means years of service
- Controls conveniently placed (no need to lean out over pit.)
- Maneuverable nozzle rotates 270° to reach out there and tear up that crust
- Low positioned fill pipe to bottom fill spreaders and trucks (allows hose to drain empty.)
- Has chopper blade and knives to handle bedding
- Matches your tractor horsepower 70 HP - 540 RPM 110 HP, 1000 RPM

8 Ft. 540 RPM **$4,390.00**



NOLT SPREADING
SALES
HAULING

Agricultural Limestone — Liquid Waste

155 East Wood Corner Road
Lititz Pa 17543
(717) 733 8528

(2) IH Hydro 70. $8,900 and $10,500
(2) IH 1066 ..... $11,500
1086 Cab & Air, 2500 Hrs. $17,500
IH 986 Cab & Air $14,900
IH 504 ..... $3,200
JD 350 Dozer w/6-way Blade. $10,500
IH 666 Gear Driven $8,500
Case IH 2250 Loader $2,950
Roll Bar & Roof for IH 684 ..... $600
(2) IH 544 Hydro, one w/ldr. $6,900/each

Financing Available
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JEFF SHOWAKER
Exit 11, Rt. 81
Clean off-the-farm, field tested tractors

USED TRACTORS

"Will buy or trade tractors"

JD 4240, SGB, QR Trans., 1982, sharp $19,500
JD 4040 SGB, QR, Trans, 2 Hyd. $16,500
JD 4430 QR Trans SGB $14,800
JD 4230, QR, trans., SGB, nice $13,800
JD 2140, SGB, same as 2750, 75 HP ... $13,500
JD 2750 new tires & paint, nice $12,600
JD 2550 diesel ind. PTO, nice, 65 HP .. $12,500
JD 4230 diesel, QR trans SGB $12,400
JD 4230 QR, cab, air, new tires $11,200
JD 2150 diesel, 1986, 620 hrs. $10,500
JD 2640 ind. PTO, 70 hp, new paint, 1982 $9,400
JD 4020 side console cab, 2 hyds. orig. $9,300
JD 2440 1982, hi/lo, ind. PTO, nice $9,200
JD 2640, hi/lo, 2 hyd., ind. PTO, 3600 hrs. $8,800
JD 4020 side console SR trans., Sharp $8,700
JD 2440, 1982, nice tractor $8,600
JD 2240 diesel 1982, new paint, 50 HP. $8,500
JD 4020 side console, 1972, PS $8,400
JD 2840 diesel, 2100 hrs., original $8,300
JD 2520 diesel WF, overhauled $7,800
JD 4020, WF, PS, trans, nice $7,700
JD 4020, SR trans, WF, 1967 model $7,500
Case 1845 dsl. unloader clean $7,300
JD 4020, PS trans, WF, original tractor. $7,200
JD 3020 diesel WF, SR trans, sharp $6,800
JD 5020 diesel, overhauled, 135 hp $6,500
JD 2030 diesel overhauled and painted $6,400
JD 2130 ind PTO, original cond., 65 HP $6,300
JD 125 dsl. skid loader, 2100 hrs. $6,200
JD 4010 dsl, WF, good rubber $6,000
JD 830 3 cyl. dsl. 2200 org. hrs. $5,800
JD 2510, WF, new tires, diesel $5,400
JD 2010, gas, nice, low hrs., original $3,400
JD 730 dsl., elect. start WF, fair cond... $3,000
JD 145 ldr. w/valve like new $2,500
Complete M&W Turbo kit off JD 4020 ..... $800
4020 roof & roll bar w/SOLD ield and heat houser $700
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Only $6,995!

('til Dec. 31)

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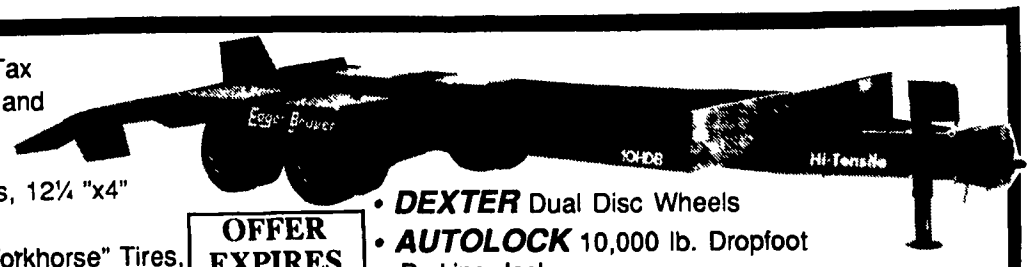

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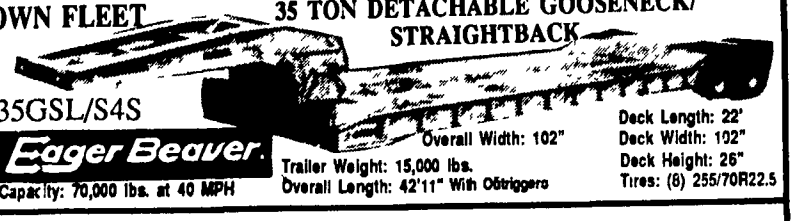

35GSL/S4S
Eager Beaver
Capacity: 70,000 lbs. at 40 MPH
Trailer Weight: 15,000 lbs.
Overall Length: 42'11" With Ottriggers
Overall Width: 102"
Deck Length: 22'
Deck Width: 102"
Deck Height: 26"
Tires: (8) 255/70R22.5

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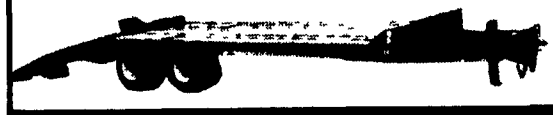

Capacity: 40,000 lb. at 50 MPH
Trailer Weight: 7,060 lbs
Overall Length: 27'6"
Overall Width: 96"
Deck Length: 22'
Deck Width: 96"
Deck Height: 37"

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Farmall 504
Ford 8N
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IH F340
IH 884, 72 HP
IH 235
IH 245 w/loader, only 90 hours
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Woods 1860 Mowing Machine
Grasshopper 1622 Mowing Machine
IH 674 2250 Loader

USED EQUIPMENT

NI 353 Spreader
Loader for Farmall Cub
Ford 5 bottom plow
NI #7 Corn Picker
6' Pull Type Bush Hog Mower
IH 311 6' Mower
IH 540 Spreader
Little Giant 26' Elevator
NH 36' Elevator
Case 1737 Skid Steer
Hydra-Mac 8C skid steer
IH 800 Planter
Case IH 8520 Round Baler
Kuhn FC 200 6'7" Mower Conditioner
Kuhn GRS 24 Rake
IH 56 Planter 6R
NI 290 Mower Conditioner
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JD 2550 MFWD Tractor	$16,900
Frye QT Loader, Fork, Bucket (Finance Waiver Til 4/1/92)	$ 2,500
JD 2750, MFWD, SG Tractor w/245 Loader (Finance Waiver Til 4/1/92)	$28,900
Ford 2000 Low Profile Gas Tractor	$ 2,500
IH Cub	$ 1,750
IH Super A Tractor w/Cultivator	$ 2,500
IH 574 Gas Tractor (Finance Waiver Til 4/1/92)	$ 4,250
IH 584 Dsl. Tractor, IH 2250, QT Ldr. (Finance Waiver Til 4/1/92)	$ 9,990
JD 3300 Gas Combine	*$ 3,990*
NH 68 Baler	$ 875
JD 214W Wire Baler	$ 500
JD 336 Twine Baler w/30 Ejector	$ 4,500
JD 346 Wire Baler	$ 3,750
JD 346 Wire Baler w/30 Ejector	$ 4,500
JD 347 Wire Baler	$ 6,500
NH 450 7' Sickle Bar	$ 975
IH 1000 7' Sickle Bar	$ 775
Zetor 5'4" Disc Mower	$ 750
JD 1209 Mo/Co	$ 2,250
NH 411 Discbine	$ 5,990
NH 489 Haybine	$ 3,250
NH 55 Hay Rake	$ 1,000
JD 210 14' Disc	$ 2,000
JD 710 8'9" Mulch Tiller (New)	$ 5,350
IH 800 4RW Cyclo Planter	$ 2,250
JD 1240 4R Plateless Planter, Dry Fert.	$ 1,250
JD 1240 4R Plate Planter, Dry Fert.	$ 750
JD 7000 4R Plate Planter, Liquid	$ 3,500
JD FB-A 13x7 Grain Drill 13x7	$ 500
JD 8200 18x7 Drill, GS, SD	$ 1,750

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NH 791 Manure Spreader
NH SP 1895, 4WD, 3RN & P/Up, Cab, AC, Exc.
Int. 990 Haybine, 7'
IH 425 Baler w/Thrower
Grimm Tedder- New Demo
Gehl 315 V Spreader
(2) NH 489 Haybines
NH 519 Spreader
NH S676 Spreader
Ford 532 Baler
NH 310 Baler
NH 30 Forage Blower

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JD 318 1991 model
JD 44 loader f/318 tractor
JD 322 w/mower like new, 130 hrs.
JD F525 w/rear bag
JD 37A snow thrower
JD 108 lawn tractor
JD 65, HD rear blade, 84"
JD 43 front blade
JD 950, 4 WD w/loader & backhoe
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Wheel Horse 8 HP w/bagger
Meyers 84" snow blade w/mtg. for front loader SOLD
Worksaver 3 pt. 60" aerator w/seed box

JD 770 4WD Tractor Ca$h Price $9,500
JD 45 rear blade Ca$h Price $375

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'78 JD 450C Crawler Loader, ROPS, Very Nice $13,500
Int. TD7C 6 way crawler dozer, nice $7,500
'79 Case, 850B Loader, GP, Excel U/C $15,750
'78 JD 450C Loader w/Backhoe, Excel. Cond. $15,900
'78 Cat 941B Crawler Loader w/4N1 Bucket $12,000
'87 Case 855D Loader, 1000 Hrs. $25,000
'85 Case 1455B Loader w/Ripper $25,000
'81 Case 1450B Dozer, O/S Power Angle Blade $19,500

LOADERS

Ford A-62 4x4 Articulated Wheel Loader, Full Cab, Excel. Cond. GP Bucket ..... Call
Int. 2400 Tractor Loader, Diesel Engine, 3 Pt., PTO $4,450
IH Huff 500 Wheel Loader, Needs Trans. Work $2,500

SKID LOADERS

'87 Bobcat 743 Kubota Diesel, New Rubber $7,000

BACKHOES

'79 Case 480C, TLB, Shuttle, diesel engine, standard hoe, ROPS, runs & operates very good $6,500
Case 530 TLB Shuttle, New Motor $5,900
'75 Case 580B TLB Shuttle Diesel, ROPS $7,900
JD 300 TLB, Full cab, standard hoe, very nice $6,900
'79 JD 310A, TLB, ROPS, Nice $9,800
'87 JD 410C, 4x4, Cab, Standard $23,700
'77 Ford 420 TLB, open rops, very nice $7,500
'77 Ford 335 TLB, Cab, Diesel $7,800

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Int. Tandem Axle Dump Truck, Alum. Body, Runs & Operates Excellent $6,500
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(2) Beck Skid Loader Trailers, 2 Axle ..... $2,150/Ea.

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Case 70+4 Trencher w/Backhoe, Diesel, Nice $4,500
Gradeall G-600 w/Remote, D-D Diesel Up and Down $6,250

75 Plus Backhoe & Loader Buckets For Case, JD, IH, Ford Call For Pricing

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(2) IH M	JD 8560	Case IH 7120
IH 450	JD 2630	Case IH 7110 MFD
IH 1066	JD 4430	Case IH 7130 MFD
IH 4586	JD 4320	Case IH 9130
IH 544	JD 1020	Case 1840 Skid Steer
IH 5488	JD 8640 w/14" Blade	Case 850 Bulldozer
IH 1466	JD 4230	Case 930
IH 1586	JD 3020	Case 4890
IH 485 w/Loader	JD 4440	Case 1835C Skid Steer
IH 1486	JD 7020	Case 2590
(3) IH 3588	MF 1155	ST 251
IH 886	MF 2135	(2) ST Panther II

DISCS

JD 14'	IH 470 23'	KR 2416 26'
JD 230 21'	IH 37 10'	KR 1966 31'
Ford 230 16'	IH 496 22'	KR 2440 26'
(3) IH 490 22's	KR 1966	(2) SF 20'

FIELD CULTIVATORS

MK 32' Field Cultivator	IH 45 Field Cultivator 15'
Glencoe 18' Field Cultivator	JD 1100 Field Cultivator
Brady 18' Field Cultivator	BR 21' Field Cultivator
IH 22' Field Cultivator	BR 19' Field Cultivator
IH 25' Field Cultivator	

PLOWS

Hinicker 21' Chisel Plow	JD 1350/1450 Plow
Athens 14' Chisel Plow	JD 22 Chisel Plow
Oliver 6x18 Plow	JD 900 Chisel Plow
KR 2321 22' Chisel Plow	JD 1600 Chisel Plow
IH 165 Plow 4x18 Rollover	JD 2350-2450 8x18 Plow
IH 700 Plow 8x16 OL	BR 14' Chisel Plow
IH 710 Plow 7x16 OL	WR 10x18 Plow

MISC. TILLAGE

CI 14-9 Shank Subsoiler	BR 18' Crowfoot Packer
IH 415 Cultimulcher	BR 25' Crowfoot Packer
IH 15' Rotary Hoe	JD 910 7 Shank Subsoiler
MK 8R Cultivator	JD 12' Packer

MISCELLANEOUS

NH 718 Chopper	JD FB100 Drill
(2) CI 5100 Drill, 21x7	(2) JD 7000 Planter, 8 Row
Lilliston 9680 No-Till Drill	Case IH 900 Planter 6RN
Lilliston 9690 No-Till Drill	IH 510 Drill
Kruger 1200 Gal. Alum. Tank	IH 10 Drill 16x7
BH 3450 Loader	(2) IH 6200 Drills
John Blue Sprayer 500 Gal.	IH 50 Shredder
John Blue A7000 Sprayer	Black Corn/Bean Planter
Haybuster Tandem No-Till Drill 24'	FMC 25 RC Sprayer

HAY EQUIPMENT

(2) JD 1209 Haybine	NH 56 Rake
IH 46 Baler	NH 1010 Bale Wagon
NH 320 Baler	NH 277 Baler
NH 320 Baler	NH 90 Bale Stacker

COMBINES

NH TR70	(6) Case IH 1680	JD 6600
AC N6	IH 1460	JD 7720 4WD
AC M2	JD 7700	MF 760
Case IH 1660	(2) JD 6620	(2) MF 750

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December 9, 1991

Dear Valued Customer,

We at C B Hoober & Son Inc/Hoober Equipment Inc are planning a special event. As a result of many of our customers updating their machinery inventories over the past six months, our lots are full of good, late-model trade-in equipment. In order for us to make room for new equipment arrivals at our stores, we have decided to offer a special sale, combining the inventories of both our Intercourse, Pa and our Middletown, DE stores. We are calling this event a "CHOPPING BLOCK SALE." **starting prices will be cut every day of the sale, allowing for potential savings to you of up to 20% by the last day of the sale.** In order to make this "CHOPPING BLOCK SALE" even more attractive, we are including several dozen items of new equipment.

Over 300 individual pieces of equipment have been made available. Due to the large size of this event, tractors and implements will be located at the store where they were traded. Pictures of all sale items will be available at both stores. This will allow you to preview any items that might be of interest at the most convenient location.

We appreciate your business. We hope that you can use this special opportunity to acquire some machinery items you need at special savings.

Thank you,

Charles B. Hoober Jr.,
President

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NH 4900 Baler (U6088) PA
NH 277 Baler (4568) DE
NH 320 Baler (4675) DE
BR 14' Chisel (T6483) PA
NH 718 Chopper (4733) DE
AT 14' Chsl Plow (4516) DE
BR 14' Chsl Plow (3621) DE
FO 13 Shnk Chsl Plow (T5573) PA
GL 9 Shank Chsl Plow (T6587) PA
HI 12' Chsl Plow (4660) DE
JD 1600 Chsl Plow (4497) DE
JD 1600 Chsl Plow (4715) DE
KR 2321 Chsl Plow (4510) DE
AC N6 Combine (4184) DE
AC M2 Combine (U6265) PA
CI 1660 Combine (U6566) PA
CI 1680 Combine (4397) DE
CI 1680 Combine (U6438) PA
CI 1660 Combine (U6136) PA
CI 1680 Combine (3071) DE
CI 1680 Combine (U6420) PA
IH 1460 Combine (4117) DE
IH 1460 Combine (U6444) PA
IH 1460 Combine (U6454) PA
IH 715 Combine (3085) PA
IH 1460 Combine (U6238) PA
IH 915 Combine (U5690) PA
IH 1460 Combine (U5745) PA
IH 1480 Combine (U6439) PA
IH 1460 Combine (U6219) PA
JD 7720 Combine (4089) DE
JD 4400 Combine (U6545) PA
JD 6620 Combine (3685) DE
JD 6600 Combine (3372) DE
JD 7700 Combine (4476) DE
JD 6620 Combine (4583) DE
MD 760 Combine (2701) DE
MF 850 Combine (U6470) PA
MF 550 Combine (U5733) PA
MF 750 Combine (2577) DE
MF 750 Combine (2989) DE
NH TR-70 Combine (4661) DE
NI 325 Compicker/SI (U5670) PA
BR 21' Cultimulcher (T6584) PA
BR 12' Cultimulcher (T6551) PA
MK 8R Cultivator (3748) DE
CI 475 Disc (T6519) PA
FD 230 Disc (2121) DE
IH 490 Disc (T6069) PA
IH 490 Disc (2259) DE
IH 470 Disc (3708) DE
IH 490 Disc (3284) DE
IH 37 Disc (10455) DE
IH 496 Disc (2234) DE
IH 12' Disc (T6004) PA
IH 490 Disc (4533) DE
IH 770 Disc (T6459) PA
IH 475 Disc (4721) DE
JD 230 Disc (2906) DE
JD 1640 Disc (T6141) PA
JD 14' Disc (3208) DE
JD 235 Disc (T4978) PA
JD 210 Disc (T6064) PA
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JD 220 Disc (T6079) PA
KR 2440 Disc (T5127) DE
KR 1428 Disc (T6343) PA
KR 1925 Disc (T6497) PA
KR 1966 Disc (2826) DE
KR 1966 Disc (4519) DE
KR 1425 Disc (T4973) PA
KR 2416 Disc (4029) DE
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KR 2440 Disc (T6170) PA
KR 1577 Disc (T6583) PA
KR 2413 Disc (T5858) PA
KR 2426 Disc (T6131) PA
MI 28' Disc (T6160) PA
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SF 20' Disc (3157) DE
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GP CPH12' Drill (V5376) PA
GP 14' Drill (V5953) PA
HB 107 Drill (V6430) PA
IH 510 Drill (4538) DE
IH 6200 Drill (3766) DE
IH 5100-24x6 Drill (V6500) PA
IH 5100-20x6 Drill (V6493) PA
IH 6200 Drill (3767) DE
JD 8300 Drill (4498) DE
JD FB100 Drill (4628) DE
KR 5213 Drill (V6135) PA
LI 9690 Drill (4607) DE
LI 9680 Drill (4608) DE
UFT 6 Ton Fert. Sprdr (V6134) DE
BD 18' Field Cult. (3597) DE
BR 22' Field Cult. (T5193) PA
BR 19' Field Cult. (4638) DE
BR 21' Field Cult. (3561) DE
GL 18' Field Cult. (4018) DE
IH 45 Field Cult. (4081) DE
IH 25' Field Cult. (4017) DE
IH 22' Field Cult. (4120) DE
IH 12.5' Field Cult. (T6520) PA
JD 1100 Field Cult. (3958) DE
KR 4138 Field Cutl. (T5936) PA
KR 4126 Field Cult. (T6215) PA
MC 32' Field Cult. (3156) DE
WR 30' Field Cult. (T6517) PA
JD 724 Field Fnshr (T5882) PA
BH 3450QT Loader (3693) DE
BH 15' Mow Rear (3775) DE
JD 15' Mower (U6035) PA
JD 1508 Mower (U5715) PA
WO 20' Mower (U5935) PA
HE 1090 Mower-Cond. (U5753) PA
JD 1209 Mower-Cond. (4075) DE
JD 1209 Mower-Cond. (4074) DE
12' Packer (T6458) PA
BR 25' CF Packer (3785) DE
JD 12' Packer (4429) DE
BM Planter (V6062) DE
CI 900 Planter (2302) DE
IH 800 Planter (V6220) PA
JD 7000 Planter (V6119) PA
JD 7000 Planter (V4976) DE
JD 7000 Planter (3405) DE
NI 9000 Planter (V5863) PA
IH 710 Plow (2944) DE
IH 700 Plow (4360) DE
IH 710 Plow (T5785) PA
IH 165 Plow (3809) DE
JD 1350/1450 Plow (4515) DE
JD 2500 Plow (T6320) PA
OL 568 Plow (3764) DE
WR 10X18 Plow (2840) DE
IH 35 Rake (U6072) PA
IH 35 Rake (U6197) PA
WE Rock Pick (4266) DE
JD 400 Rotary Hoe (T6038) PA
KU Saddle Tanks (V6034) PA
ZM 260GL Saddle Tanks (V5845) PA
IH 50 Shredder (1156) DE
CI 1840 Skid Steer (4124) DE
CI 1835C Skid Steer (2801) DE
FMC 25RCTC Sprayer (3983) PA
FMC Sprayer (V5959) PA
FM DM10E100F Sprayer (9322) DE
JB A7000 Sprayer (4665) DE
JB 500 Gal. Sprayer (3428) DE
CI 14 Subsoiler (4522) DE
JD 900 Subsoiler (4610) DE
KRG Tank (3402) DE
AC D17 Tractor (2938) DE
AC 6080 Tractor (W6054) PA
CA 930 Tractor (4499) DE
CA W14 Tractor (W5981) PA
CA 2590 Tractor (1964) DE
CA 1896MFD Tractor (4674) DE
CI 7130MFD Tractor (W6200) PA
CI 7130MFD Tractor (W6292) PA
CI 7120MFD Tractor (W6428) PA
CI 4890 Tractor (3929) DE
CI 9130 Tractor (W6085) DE
CI 7120MFD Tractor (W6216) DE
CI 7110MFD Tractor (3967) DE
CI 7130MFD Tractor (3294) DE
CI 7120-2WD Tractor (W6274) PA
IH M Tractor (4657) DE
IH 5488 Tractor (4495) DE
IH 5088 Tractor (W5649) PA
IH 3588 Tractor (3905) DE
IH 186 Tractor (W6244) PA
IH 3588 Tractor (4359) DE
IH 986 Tractor (4720) DE
IH 450 Tractor (4658) DE
IH 886 Tractor (3232) PA
IH 4586 Tractor (4505) DE
IH 584 Tractor (W6427) PA
IH 544 Tractor (4554) DE
IH 706 Tractor (W6299) PA
IH M Tractor (4277) DE
IH 1466 Tractor (4080) DE
IH 500C Tractor (W4885) PA
IH 1486 Tractor (3702) DE
IH 966 Tractor (W4945) PA
IH 1586 Tractor (3926) DE
IH 3588 Tractor (3563) DE
IH 5088 Tractor (W6033) PA
IH 544 Tractor (W6235) PA
IH 3514 Tractor (W4936) PA
IH 884 Tractor (W6391) PA
IH 485 Tractor (3845) DE
IH 5488 Tractor (W6435) PA
IH 1566 Tractor (W6579) PA
IH Fmall M Tractor (W6089) PA
JD 8630 Tractor (W6109) PA
JD 1020 Tractor (4225) DE
JD 4430 Tractor (4613) DE
JD 4440 Tractor (2884) DE
JD 4320 Tractor (4585) DE
JD 3020 Tractor (3699) DE
JD 2630 Tractor (4614) DE
JD 8560 Tractor (W6113) DE
JD 4230 Tractor (4672) DE
JD 2440 Tractor (W5490) PA
JD 2020 Tractor (4306) DE
JD 7020 Tractor (2907) DE
JD 8640 Tractor (4331) DE
MF 2135 Tractor (3928) DE
MF 1155 Tractor (3531) DE
MF 1085 Tractor (4719) DE
ST ST210 Tractor (3904) DE
ST ST251 Tractor (W6155) PA
ST Panther Tractor (2149) DE
ST Panther Tractor (4654) DE
HE 6610D Windrower (U6055) PA

NEW

CI D100 Backhoe (9340) DE
CI D100XR Backhoe (7723) DE
CI 8610 Bale Processr (F5382) PA
CI 8520 Baler (F5707) PA
CI 8520 Baler (F5697) PA
CI 8520 Baler (F5653) PA
CI 8520 Baler (F5709) PA
CI 8420 Baler (F5658) PA
CI 8540 Baler (10322) DE
CI 8530 Baler (2935) DE
CI 8440 Baler (F5381) PA
CI 8420 Baler Rnd (2936) DE
FA 22' Bale Wagon (S5375) PA
FA 18' Balewagon (S5236) DE
KR 2889 Chisel (P5472) DE
KR 4517A Chisel (P5582) DE
CI 144/265 Cultivator (B4329) PA
CI 183 Cultivator (D5500) PA
CI 475-18'7" Disc (2807) DE
CI 496-19' Disc (1692) DE
CI 475-13'10" Disc (3288) DE
CI 496-22' Disc (2910) DE
CI 475-11'6" Disc (2808) DE
CI 496-22' Disc (1602) DE
KR 2242A Disc (P5385) DE
KR 2244A Disc (P5392) PA
KR 4960 Disc (P5457) DE
CI 5300-18x7 Drill (E5688) PA
CI 5300-24x6 Drill (E5278) PA
CI 5300-24x6 Drill (E5276) DE
GP 10' Drill (R5432) PA
KR 5213N Drill (N4421) PA
KR 5213N Drill (N4391) PA
KR 4120 Field Cult (P4534) DE
KR 4226 Field Cult (P5024) PA
CI 365 Field Cult (3169) DE
KR 3112A Landsman (P2108) DE
CI 510 Loader (B4905) PA
CI 2250 Loader (9393) DE
CI 2250 Loader (B4759) PA
CI 2250 Loader (1586) DE
CI 2250 Loader (B4763) PA
CI 2250 Loader (1585) DE
CI 510 Loader (1777) DE
CI 2250 Loader (1584) DE
CI 2255 Loader (1278) DE
CI 510 Loader (2493) DE
CI 2255 Loader (B4767) PA
CI 2250 Loader (B4761) PA
CI 2255 Loader (B4769) PA
CI 510 Loader (B5030) PA
KO K6 Loader (R2023) PA
RH SE15 Mower (S5405) PA
RH SR15 Mower (S4628) PA
RH SR15 Mower (S4478) PA
RH SE15 Mower (S5404) PA
KA Mule (R4742) PA
BR 34'N Packer (1700) DE
BR 25'N Packer (1870) DE
BR 19' Packer (R5348) PA
BR 34'N Packer (1699) DE
BR 23'N Packer (1695) DE
CI 900-8RN Planter (E4970) PA
CI 145 Plow (2324) DE
CI 145 Plow (2325) DE
CI 145 Plow (2323) DE
CI 165 Plow (9887) DE
SCH RS320 Rockpicker (R5442) PA
HO Saddltanks (Q3427) PA
CI 1825D Skid Steer (10334) DE
CI 1825D Skid Steer (2929) DE
CI 1825G Skid Steer (2903) DE
CI 80 Snow Blower (H4866) PA
CI 80 Snow Blower (H4867) PA
FMC DP20/3PT/10 Sprayer (1268) DE
FMC DM20E300F Sprayer (Q5717) PA
CI 14 Subsoiler (1711) DE
CI 14 Subsoiler (2809) DE
CI 8511 Thrower (2544) DE
CI 395MFD Tractor (2817) DE
CI 5130MFD Tractor (A5546) PA
CI 595 Tractor (3171) DE
CI 7130MFD Tractor (3092) DE
CI 7120 Tractor (3175) DE
CI 7110-2WD Tractor (A5835) PA
CI 7110-2WD Tractor (A5361) PA

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JD 4230 w/Cab
JD 4010 Tractor w/WF
JD 2640 Tractor w/Ldr.
JD 850 Tractor MFWD w/ Loader & Backhoe, Only 365 Hours
JD 4030 Tractor w/2 Post Roll Guard & Canopy
JD 3010 Dsl., Tricycle Tractor
JD 3020 Gas, WFE
Ford 3910 Tractor w/Loader, Like New
JD 4430 Tractor, Power Shift w/Cab
JD 3020 Gas Tractor w/WF & Loader

HAY EQUIPMENT

JD 1209 Mower Conditioner
JD 1209 Mower Cond. w/ Kwik-Cut Knife
JD 346 Baler
NH 489, Used One Season, Excellent
NI 279 Cutditioner, 540 PTO
NH 411 Discbine, Rolls Good, Hyd. Tongue Pos., Hyd. Header Tilt
NH 268 Baler w/Ejector
NH 890 Forage Harvester w/5¼ Pickup & 2 Row Wide
NH 717 w/Low Profile 1 Row Corn Head 5' Hay Pickup & Direct Cut Hay Head
NH 489 Mower Conditioner, Good Cond.
Vicon KM 321 Disc Mower Conditioner

PLANTERS

Used JD 8250 Grain Drill
AC 333 4 Row, Air Champ., Dry Fertilizer
AC 600 4 Row, Plate Planter, Dry Fertilizer, Fair Shape
JD 7000 6R Consv. Planter
JD 1440 Corn Planter w/Liq. Fert.
JD 54 Manure Spreader, Good Cond.
Krause No-Till Drill, 13'
Tye No-Till Drill w/15 Disc & Weight Drums
JD 315 Disc, Like New

COMBINES

JD 6600 Side Hill Combine, Reconditioned
JD 7700 Combine w/Straw Chopper, Field Ready
JD 3300, Gas Combine w/10' Platform
(2) JD 215 Rigid Platforms
JD 643 Corn Head

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IH 886, Cab, Air, low hours
IH 1066 Black Stripe, Cab, Air
IH 1086 cab, air
Oliver 1655 cab, WF
IH 756, WF 3 Point, very good
JD 1020 with loader
IH 966 Black Stripe, 38" Rears, Excellent
IH 1466 Black Stripe, Excellent
IH 444 Diesel
Same Tiger 100, MFD, Cab

SKID LOADER

Ford CL30 2 buckets
Case IH 1825 diesel, 100 hrs., like new
Mustang 25 HP gas, very good condition

USED PLANTERS

IH 800 plate planter
IH 510 Drill, 18 Dbl. Disc, Fertilizer & Grass
Deutz Allis 385 4 R Very Good

MISCELLANEOUS

NI 3825 liquid spreader, 2500 gal., demo List ~~$12,500~~ $5,100
MC Flail chopper, excellent
Oliver Crawler With Winch
NI 382 V Spreader, Like New
NH #90 Bale Handler
NI 2R Corn Head For Uni, Demo

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$21,500

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Deutz Allis 6260 4WD w/Loader
Deutz Allis 7085 2WD Tractor
Agco-Allis 6690 2WD
Agco-Allis 5670 4WD
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Deutz Allis Rakes and Tedders
Deutz Allis 6R Corn Planters
Deutz Allis Mower Conditioners, SM70
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Kidd Bale Choppers

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Marliss 10' no-till drill
Case 2290 w/loader, cab, heat, air, excellent condition
48" Howard Rototiller
MF 850 Combine w/6-R corn head, 15' grain head
IH 800 4R corn planter
Used AC 4R no-till corn planter

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USED EQUIPMENT

NH 795 Spreader, Single Beater, 410 Bu.
JD 54 Spreader
NH 518 Single Beater
Goosen Stationary Bale Chopper
IH 184 Lo Boy w/72" Mower
Cub Lo Boy w/60" Mower
Ford 8N
Zimmerman 10,000 Lb. Trailer
Hesston 5545 Round Baler, 1,000 Lb. Bale
Kubota L2550 w/60" Deck
NH 479 Haybine
Yanmar 226 w/Woods Belly Mower, Like New
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NH 320 Baler w/Thrower

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1975 JD 4400, Diesel, 1,923 Hrs. w/13' Cutter Bar
1979 JD 7720, 2WD
1982 JD 7720 w/4WD, 3,300 Hrs. w/JD 220 Flex Cutter Bar w/JD 643 Corn Head
JD 220 Flex Cutter Bar
JD 222 Flex Cutter Bar
JD 444 Corn Head, Hi-Tin
JD 643 Corn Head
JD 843 Corn Head

MISCELLANEOUS

JD 1008 Offset Rotary Mower
JD 336 Baler
Brillion 13' 8 Cultimulcher
JD 1550 Power Till Seeder
JD 265 Loader
Dunham 16' Crowfoot Packer
Brillion 18' Gang Crowfoot Packer
Brillion 13'8 Roller Harrow
Brillion 25' Folding Packer
JD F145 5 Btm. Semi Plow
JD 1450 6-16 Semi Plow
JD 7000 8 Row 30 Corn Planter
JD 534 Dozer Blade
1991 JD 6000, Hi Cycle w/47' Booms, 2,100 Miles
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TRACTORS

1990 JD 4455, Cab, MFWD, 18.4x42 Singles, 1,760 Hrs.
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1980 JD 1050
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1965 JD 4020

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JD 2950 Diesel 4x4, cab, air, nice..... $19,800
JD 4020 Diesel $5,800
Int. 584 Diesel, 52 HP, 1981 ..... $5,900
JD 2950 Hi-Lo Indept. PTO, Dual Hyd., ROPS, Radial Tires..... $14,500
Ford 7000 diesel, dual power, load monitor..... $6,500
IH 856 D[SOLD]0 & 1000 RPM..... $5,500
JD 4320 [SOLD] Nice $7,500
JD 4020 [SOLD] Nice $6,950
JD 2750 Diesel 75 HP..... $12,500
JD 2440 Diesel Ind. PTO..... $7,800
JD 2640 Dsl. Hi-Lo Ind. PTO $8,500
JD 2940 Dsl. Hi-Lo Ind. PTO, 92 HP.. $10,500

FORAGE EQUIPMENT

NI 270 Cutditioner..... $750
NH 36 Flail Chopper, nice $950
Int. 600 Blower..... $2,200
NH 890 Ba[SOLD]..... $1,950

CORN PICKERS

JD 300 Corn Picker $2,850
NI 323 corn picker $2,200
NI 32[SOLD]r $2,450
Farmec 30' Elevator..... Call
NI 323 Corn Picker, Nice $2,650

GRINDER/MIXERS

JD 700 Hyd. Loading Auger..... $2,200
Bear Cat #1250 Grinder Mixer, Hydra Drive, Nice..... $1,950

TILLAGE EQUIPMENT

JD 1450 5 Bottom plow $1,200
JD 210 Disc, 11' $1,800
Oliver 546 Plow 4x16 spring reset..... $1,500
Landoll 9T chisel plow..... $950
JD 2500 5x16 plow, spring reset..... $2,000
Brillion 12' Cultimulcher..... $1,950
Ford 142 Plow 4x18 Spring Reset..... $1,200
JD 210 Disc, 14' tandem wheels $1,800

MISCELLANEOUS

Hudson 12,000 GVW, Tandem trailer.... $1,400
JD 260 Loader, 84" bucket to fit 2940.. $2,200
JD 200 gal. sprayer, pull type #3633 ..... $575
Belton 300 gal. sprayer, pull type G #5553 $750

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NH 320 baler w/70 thrower..... $3,950
Hay wagon w/int. gears $750
JD 1217 Hay conditioner ..... Call
NH 276 Baler w/Thrower..... $2,650
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NH 477 Haybine, 7' $2,500
NH 276 Baler S.S. w/bale chute..... $1,950

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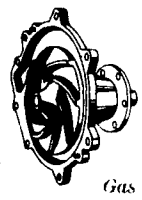

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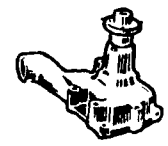

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MS 315 Spreader
MS 322 Spreader
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F 7190 Feeder Wagon
F 7285 Mixer Feeder Wagon
SL 3510 Gas Skid Loader
SL 4610 Diesel Skid Loader

KUHN-
GF 5000T Tedder

USED EQUIPMENT

NI 243 Spreader
Grove Forage Box 14 Ft. w/Roof
Grimm Hay Tedder, Ground Drive
Bobcat 643 Diesel Skid Loader
Gehl 4300 Gas Skid Loader
Gehl 95 Grinder Mixer
Gehl FB99 Blower
Gehl 1200 For. Harvester, 2-Row Hd. & Hay Pickup
NH 258 Hay Rake
Oliver 374 Cultivator
Int. 1456 Tractor w/Duals
Int. 3-Bot. Rollover Plow

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USED EQUIPMENT

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JD 1010 utility
JD 4240 w/4 posts
JD 650, 4 WD, w/loader, 200 hrs.
JD 2510 w/loader
JD 420 tricycle
IH 706 diesel
IH 706 gas
IH Cub Loboy w/sickle mower
IH 504 w/loader (sharp)
IH 240 utility
IH 340 w/loader
Ford 550 loader/backhoe
MF 40 Ind. w/loader

MISC EQUIPMENT

JD 712 mulch tiller
JD 148 loader to fit 2940
JD 158 loader to fit 4230
IH 60, 13' shredder (sharp)
JD 346 baler w/thrower
JD 1250, 3-bot. plow
IH 710 4 bot. plow
JD 1010, 3 pt. field cultivator 17'
JD 1000 pull-type cultivator 17'
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MM 670 gas
MM 6 bottom 16" plow
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IH 666
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USED EQUIPMENT

NI 213 m[SOLD] spreader
IH 963 corn head
Dunham Lehr 12' cultimulcher, nice
Ford model 142, 4 btm. plow w/auto reset
JD 4 btm. rollover plow
Wetmore grinder mixer, 130 bu.
IH 435 baler w/thrower
Woods model C80 rotary mower

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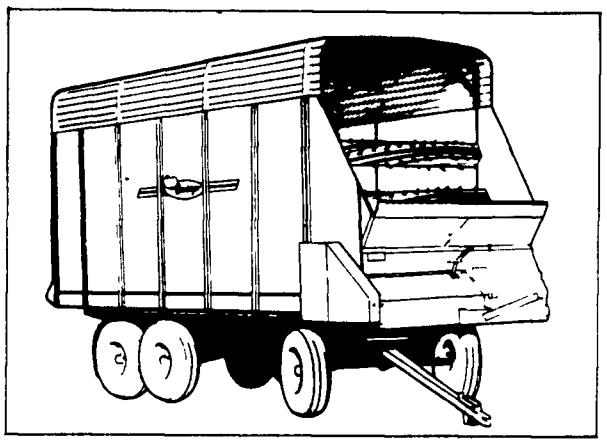

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JD B w/Fenders & 3 Pt. $1,200 As Is
JD 40 Tricycle $2,400
IH 560 w/Wide Front End $1,500 as Is
JD 50 $1,000 As Is
AC G $1,000
IH F20 $500
IH W30 $500
JD 2520 Gas $3000 As Is
JD 1010 Gas w/1 R Cultivator $1500 As Is
Case 933 Crawler Loader $2000 As Is
IH 574 gas, 2200 hrs., $5,500
JD M $1,500
JD 4630 $14,000
JD 2240 $8,500

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Befco Greenrite II over seeder ~~$7,500~~ SALE $5,500
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NH 1895 chopper, 4x4 & 4 row corn head
NH 1880 chopper, 2WD, 3 row narrow corn head & grass head
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JD 2950, 4WD, 38" rubber
JD 2950 very sharp
JD 2950, 4x4
JD 2750, excellent conditon
JD 2550 w/roll guard
JD 4240, cab & air, quad range
JD 2840, hi-low, dual hydraulics
JD 4630, cab & air, power shift
JD 4430, cab & air, quad range
JD 4430, cab & air, power shift
JD 4230, 4 post, power shift
JD 4230, cab & air, power shift
JD 4320, 38" rubber, excellent condition
JD 4020 power shift, dual hyd.
JD 4020, side console
JD 4000, power shift
JD 3020, side console
Ford TW25, cab & air, 4x4
Ford 9700, cab & air
Deutz DX140, cab & air, 4WD
AC 200
AC 185
IH 1566, cab & air
IH 1066, red cab, radial tires
IH 1066, cab & air.....$9,000
IH 560 gas
IH 584 utility
White 2-85
White 2-105, cab & air
White 2-135, 4x4, 1980 model
Oliver 2255 w/cab, 4WD
Oliver 1855 w/cab
Oliver 1850 diesel w/3 spd.
MF 180 diesel
MF 1135, cab & air, excellent condition
JD 350, 6 Way Blade
Case 450 w/6 way blade
Bobcat 825 diesel
Bobcat 743
Miller 10' offset disc
Brillion 6 Row Cultivator
NI 325 narrow row, 12 roll bed picker
JD 7000 corn planter, 6 row, no-till
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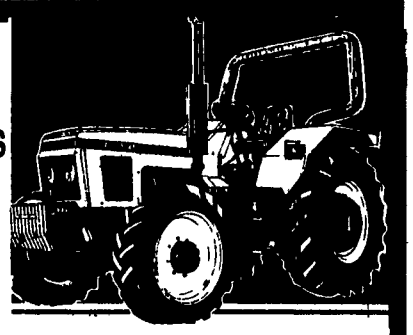

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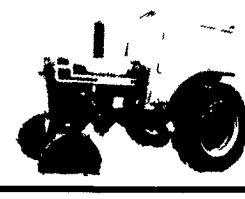

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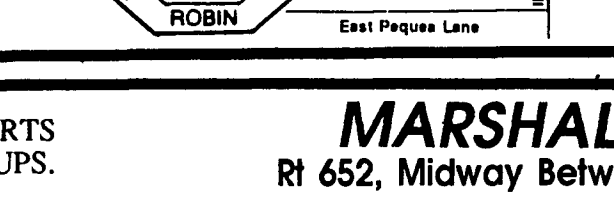

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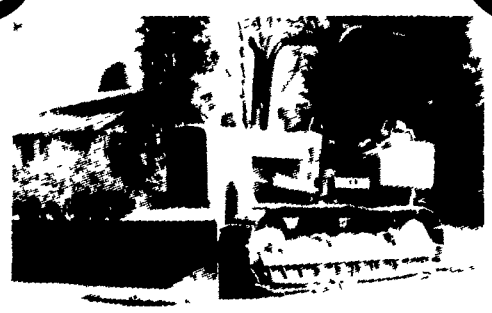

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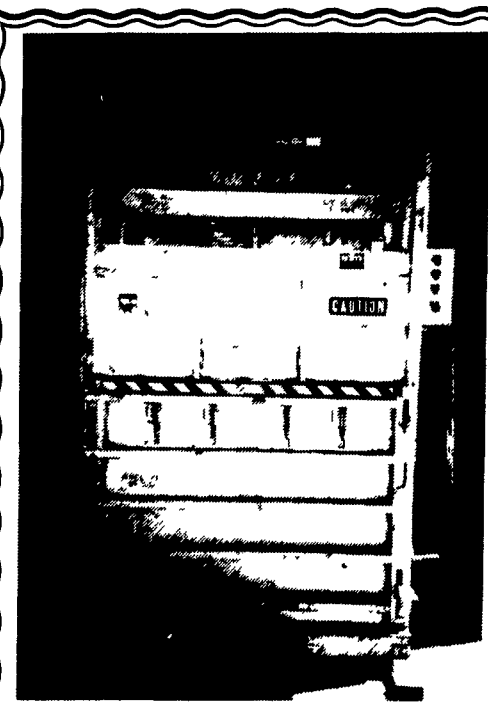

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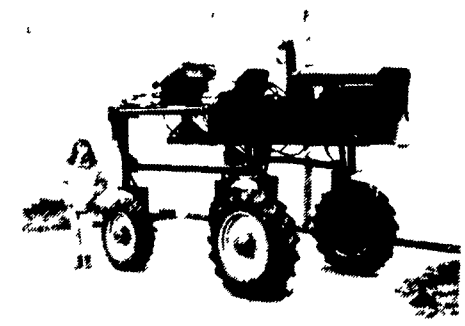

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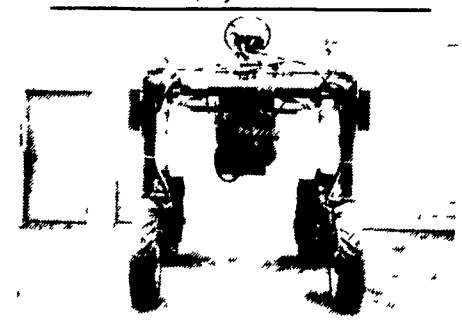

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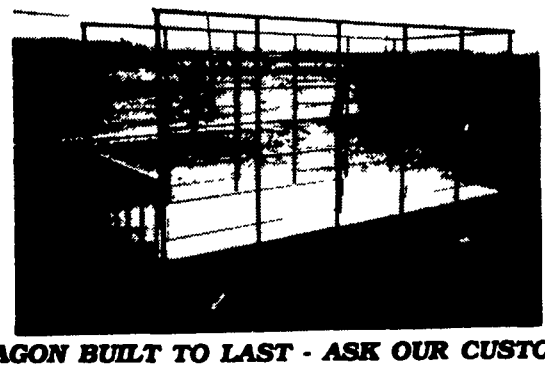

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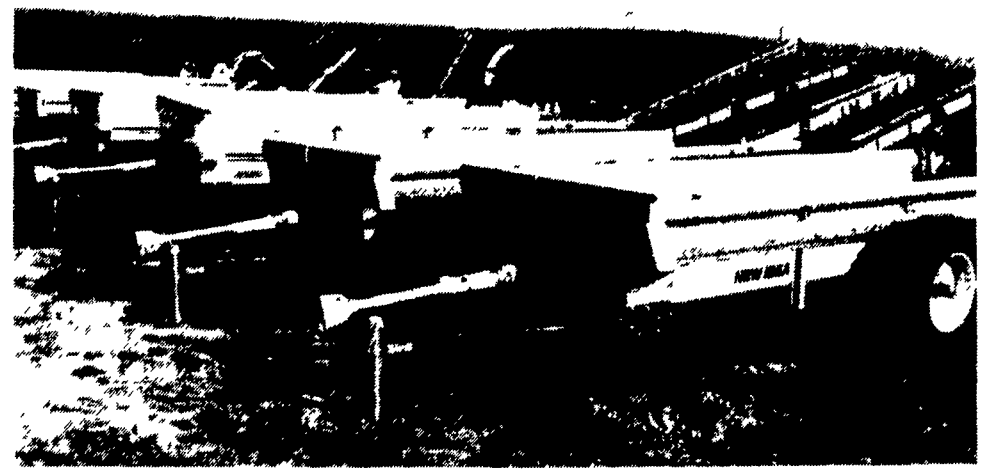

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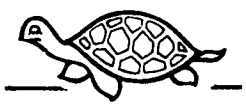

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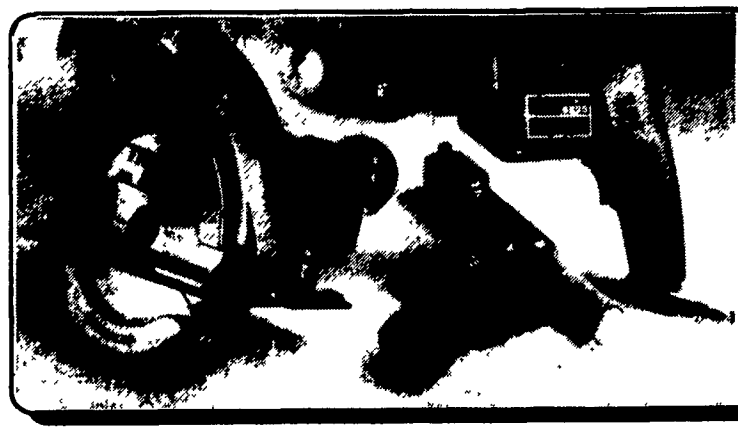

SKIL Classic 59.99
7¼" CIRCULAR SAW With THE EDGE CARBIDE BLADE Powerful 2½ hp motor Ball bearing construction Built in blade wrench storage Extended warranty 5250-05

CORDLESS 3/8" DRIVE POWER WRENCH 39.99 120 rpm both forward and reverse All metal housing, 3 hour recharge Charging stand with L E D indicator 2238

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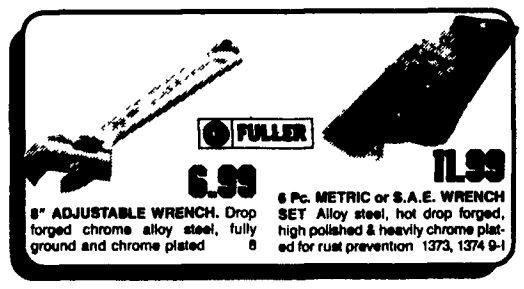
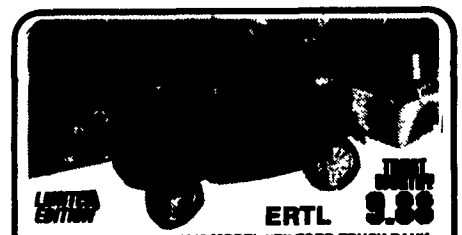


FULLER **6.99**
8" ADJUSTABLE WRENCH. Drop forged chrome alloy steel, fully ground and chrome plated 8

11.99
6 Pc. METRIC or S.A.E. WRENCH SET Alloy steel, hot drop forged, high polished & heavily chrome plated for rust prevention 1373, 1374 9-I

CHANNEL LOCK **8.99**
12" TONGUE & GROOVE PLIERS. With dipped plastic grips for hand comfort 440 6-F

Pony **13.99**
LIGHT-DUTY BENCH VISE With SWIVEL BASE 3½" jaw width 4 hole swivel base 23530 9-G



LIMITED EDITION ERTL **9.88**
1918 MODEL "T" FORD TRUCK BANK. Replica of a 1918 Model "T" Ford truck is a bank with official Trustworthy decals. Key lock bottom TW-1918 1-A

RAYOVAC **6.99**
ROUGHNECK FLASHLIGHT With 2 "D" SIZE HEAVY DUTY BATTERIES Spot-to-flood focus, improved Krypton bulb water proof & full lifetime warranty RN2 S 4 B

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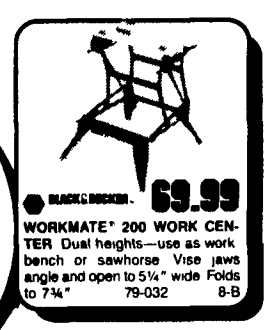
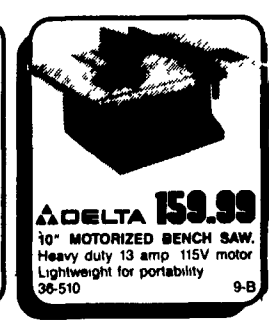
Makita **109.99**
7¼" CIRCULAR SAW 13 amp heavy duty hi-tech motor 5800 rpm, AC/DC for cross cutting or ripping Complete with carbide tipped blade 5007NB 8-A



BLACK & DECKER **69.99**
WORKMATE® 200 WORK CENTER Dual heights—use as work bench or sawhorse Vise jaws angle and open to 5¼" wide Folds to 7¾" 79-032 8-B

Makita **144.99**
CORDLESS VSR DRIVER-DRILL KIT With KEYLESS CHUCK & FREE EXTRA BATTERY PACK 2 gear settings 0-400 rpm low speed 0-1 100 high speed Keyless chuck 6095DWE 8-C

Makita **39.99**
3/8" CORDLESS REVERSIBLE DRILL 450 rpm super light weighs only 1.6 lbs Built in power pack recharges in 3 hours charger included 6040DW 9-A



DELTA **159.99**
10" MOTORIZED BENCH SAW. Heavy duty 13 amp 115V motor Lightweight for portability 36-510 9-B

DELTA **119.99**
15" SCROLL SAW. 1.6 amp induction motor provides 1725 cutting strokes per minute Cutting capacity up to 2" thick 40-150 9-C

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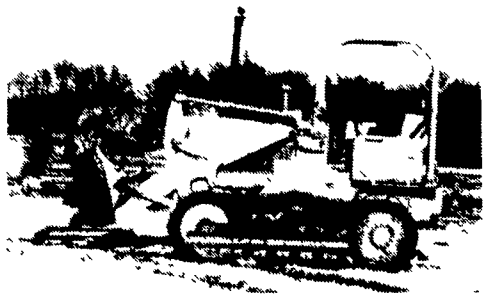
HARDWARE STORES



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December Only

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** **Oliver 1855,** diesel WF, over & under, recently overhauled, 20 8x38 radial tires, new front, weather breaker, excellent condition $8,250
* **IH 574,** diesel, row crop model w/original hrs., in good condition ..... ~~$5,950~~ $5,750
** **Ford 9700,** roll bar & canopy, dual power, dual hydraulic, 20.8x38 radials, front & rear weights, 2,400 hrs. .. .. ~~$14,000~~ $14,500
** **Ford 5000 Diesel** ..... ~~$6,050~~ $6,750
w/Dunham Loader $8,550
** **Oliver 1650,** gas, NF, hydro power, 1,975 hrs. ..... ~~$4,950~~ $4,750
** **Mustang 1700 skid steer loader,** torque converter, water cool engine, quick attach bucket $4,650

Harvesting Equipment

** **NI 325 picker,** 12 roll bed $3,550
** **NI 838 husking bed** for uni system w/feeder housing ..... Call For Price
** **IH 600 blower,** excellent condition, in use $2,850
*** **NH 258 rake,** steel teeth $1,795
** **NH 268 baler** w/chute ..... ~~$1,275~~ $1,195
** **Fox hay head** $275
** **JD 5½ ' hay head,** hex shaft, no clutch $550
* **JD Hay Head,** excellent condition, round shaft . $675
* **Fox 6200 chopper,** Perkins engine, cab & air, 4WD, 3RN head & hay head. ..... ~~$15,050~~ $15,500
** **MF 260 harvester** w/2 RN head, electric control .. $1,250
** **NI 486 Round Baler** w/Endless belts, extra nice ... ~~$7,250~~ $5,950
** **NH Hay Head** fits 717 & 770 harvesters ..... ~~$585~~ $495
** **Grimm** PTO 7' tedder ..... ~~$895~~ $850

Planting & Tillage

* **White 348 plow,** SOLD 3 yrs. old $2,550
** **AC Model 3000,** HD double offset disc, hyd. fold, 18' cut ..... ~~$3,850~~ $3,550
** **9' Taylorway Disc,** offset, heavy frame ..... ~~$1,950~~ $1,850
** **Case IH 800** corn planter, liquid fertilizer, no-till monitor, 4-30" rows. . ~~$6,650~~ $6,250
* **White 348** 3 btm cushion trip plow ~~$975~~ $825
* **Oliver 3 btm.** cushion trip plow, good condition $650
* **JD 10' transport disk** $750
** **JD 7000** Conservation 4 row planter, liquid fertilizer & frame mounted coulters, front mounted coulters w/population monitor & extra parts ~~$4,850~~/OBO $4,550/OBO
* **JD no-till drill #1550,** 12 disc, 8" Spacing ~~$3,650~~ $3,450
JD 12' Packer, 4" Axle . ~~$1,075~~ $995

Manure Handling Equipment

** **NH 519 Spreader,** SOLD beater, litter pan, excellent $2,550
* **NH 512 spreader,** single beater, manure pan $995
* **IH horse drawn spreader** ..... ~~$350~~ $295
** **NH Endgate** for 519 or 679 w/cylinder $295
* **NH Endgate** for 518 or 676 spreaders, like new $225

Miscellaneous

* **Western snow plow,** power angle, good condition $895
** **Badger 12 ton tandem gears,** late style, excellent cond , no tires, two available ..... ~~$995~~ & $895
** **NI running gear,** swinging bolster $250
J&L Feeders Hay Savers $725
** **NH 353 Grinder Mixer,** clean & original ..... ~~$3,350~~ $3,250
** **Horst heavy duty wagon gears** in stock, 7 ton, 9 ton, 13 ton, 14 ton & 16 ton ..... Call For Price
* **Country Boy bins,** 195 & 215 bushel ..... Call For Price

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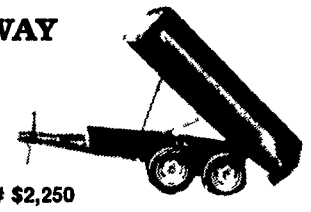
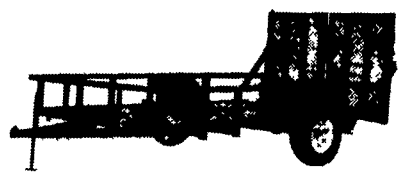


5'x 8'- 3,500# $2,250
6'x10'- 7,000# $2,995
6'x10'-10,000# ~~$3,995~~ $2,995
Hydraulic Dump

Also Available In 4'x8' and 5'x8'



UTILITY (TILT OR GATE MODEL) Sizes. 5'x8', 5'x10', 6'4"x10', 6'4"x12', 3500# GVW

UTILITY WITH GATE - SIZES: 12'x76", 14'x76", 16'x76" 18'x81", 7,000# GVW, 20'x81" 12,000# GVW

Also Available In Car Haulers 14', 16', 18'x81" 7,000# GVW

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- Box Blades 4'-8'
- Stone Rakes 5'-8'
- Post Hole Diggers
- 1 Row Cultivators
- Dirt Scoops
- Boom Poles
- Rear Carriers
- Chipper-Mulcher
- Fertilizer Spreaders
- Concrete Mixers
- Field Cultivators
- Potato Plows
- Hay Rakes & Tedders
- Rotary Mowers 3'-11'
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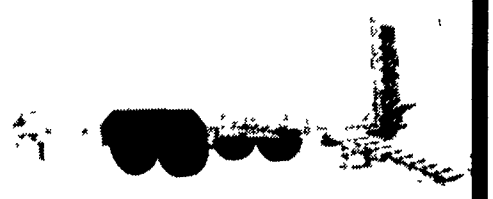

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JD 2550, 4WD, hi-low w/245 loader, 2,300 hrs.
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Coming In... 3600 diesel, 2,500 hrs.
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Dunham loader w/valve & bucket, brackets for 2000 or 3000 & 4000 SU
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JD 4020 diesel, side console, power shift
JD 3020 diesel, side console
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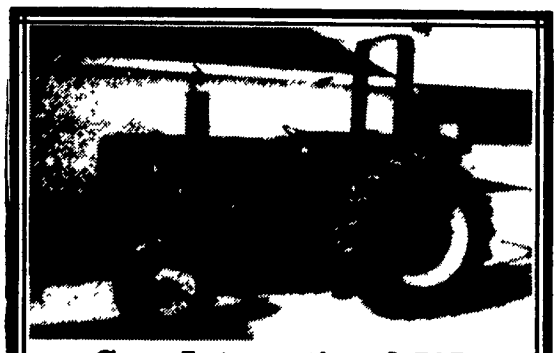

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J & L hay-saver feeds 20 cattle.
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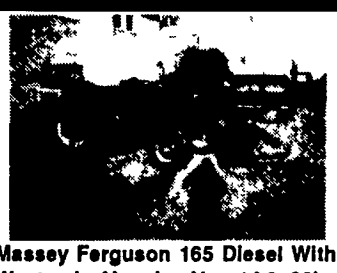
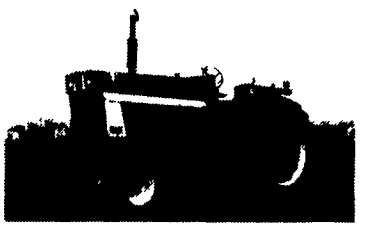
WOODS



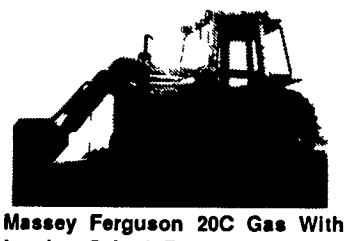
Massey Ferguson 165 Diesel With Westendorf Loader, New 14.9x28's, Very Clean.

Woodsman 3 Pt. Wood Saw, New & Used.



International 100 Hydro 18.4x38's Dual Remotes. Call For More Information.

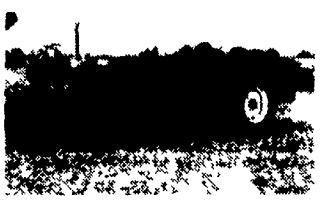
Massey Ferguson 65 Gas With Kelley Loader, 1 Remote, 12.4x38's.



Massey Ferguson 20C Gas With Loader, Cab, 3 Pt.

John Deere 850-1985, 4WD 75 Loader, Canopy, Power Steering. Get Ready For Snow!

International 1000 Loader, Fits Farmall Cub, Super A, 140.



International 530 Manure Spreader 148 Cubic Feet Capacity.

1984 International 884 MFWD 2250 Mount-O-Matic Loader Cab/Air, Nice Clean Tractor.
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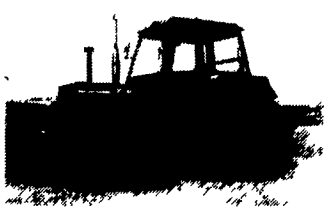

Same 85 Leopard, MFWD Cab 16.9x34's And 14.9x24's 8 Speed, Dual Remotes.

FARM TRACTORS

Case 4490- 1982, Cab, 4WD, 3 Pt., PTO
IH 884 Cab/Air, MFWD, 2250 Loader
IH 1086- 1980 Cab/Air, 18.4x38's
IH 1086 1977 Cab/Air
White 4-150- 1975, 4WD, Cab, 3 Pt., PTO
IH 986- 1976 Cab/Air, 18.4x38's
Same 85 4WD, Cab
AC 7040- 1977, Cab, 20.8x38's
White 2-105- 1976, Dual Remotes
Ford 6610- 1982, New 18.4x30's
Ford 5600- MFWD
IH 100 Hydro, 18.4x38's
JD 850- 4WD, #75 Loader
IH 826 Cab, 16.9x34's, Fast Hitch
Ford 6600 HI-Crop, 15.5x38's
Ford 1510 Diesel, 4WD, 3 Pt., PTO
Kubota L2850 4WD, w/Loader
Yanmar 155D w/3 Pt. Tools
Oliver 1855, 18.4x34's, Dual Remotes
Ford 861 w/Loader
MF 20C, Gas, Loader
JD 420- 2 Cylinder, Wide Front
MF 65 Gas w/Loader
MM Jet Star 2 w/Ldr.
IH 560 Diesel Standard, Belt Pulley
Farmall Super C w/Cultivators
IH Cub Lo-Boy w/Belly Mower
JD- B, Narrow Front
AC-G w/Cultivators And Cornplanter
Ford 541 Gas, Offset
(4) Case 930 Standard

TILLAGE

JD 2500 6x18" ASR 5X Base Plow
MF 880 6x18" ASR Plow
(2) IH 720- 5x20 ASR Plow
IH 720 5x18" ASR Plow, Coming In
White 588 5x18" ASR Plow
IH 700 5x16 ASR Plow
White 548 4x16 ASR Plow
MF 4x16" ASR Plow
IH 642 4x16" Rollover Plow 3X- Base
JD 5x16 Trip Plow
JD 3x16 Semi Mount
IH 710 3x16 Trip Plow- Semi Mount
JD 3x16" 3 Pt. Plow
MF 3x16 3 Pt. Plow
Ford 3x12 3 Pt. Plow
IH 3X Fast Hitch Plow
Oliver 2X Rollover Plow
Ford, IH 2X Plows
Cub 1X Plow
IH 8' Offset Disc
JD 8' Offset Disc
JD 9 Offset Disc
Bush Hog 8' Offset Disc
Wilbeck 11' Offset Disc
(2) Miller 12' Offset Disc- 3 Bar
MF 12' Offset Disc
(2) White 271- 18' Wing Fold Rock Flex Disc
Rhino F-90- 20' Wing Fold Rock Flex
Kewanee 12' Rock Flex Disc
IH 500 Cutting Disc- 12'
Oliver 12' Disc
IH 37 10' Disc
Oliver 10' Disc
MF 8'- 3 Pt. Disc
IH 5'- 1 Pt. FH Disc
IH 55- 13' Chisel Plow Pull Type
Brillion 10' Or 12' Chisel Plow- Pull
JD 1600- 10' Chisel Plow Pull Type
Brillion 7' 3 Pt. Chisel Plow
JD- RM 4x36 Cultivator
(3) JD- RM 6 S-Tine Cultivator
Super A Cultivators
Cub Cultivators
AC D15 Front Mt. Cult.
JD 530 Front Mt. Cult.
JD MT Front Mt. Cult.
IH 560 Front Mt. Cult.
White 285- 16' Field Cult. Pull Type
IH 12½' Field Cult.- Fast Hitch
IH 15' Field Cult.- Pull Type
JD 4 Sec. Rotary Hoe
IH 14' Rotary Hoe Fast Hitch
Kewanee 3 Pt. Rotary Hoe
Dunham 16' Cultipacker
Brillion 14' Cultipacker w/Transport
Bearcat 14' Cultipacker w/Transport
Brillion 10' Cultipacker
Brillion 12' Cultipacker
Brillion 10' Cultimulcher
JD 930- 3 Pt. 12' Cultimulcher
IH 315- 12' Cultimulcher
Brillion 12'8" Cultimulcher
Dunham 13' Cultimulcher
Brillion 13'6" Cultimulcher
IH 315- 14' Cultimulcher
Brillion 15' Cultimulcher
Lindsay 7x20 V-Ripper

MISC. EQUIPMENT

Brillion 8' Packer Seeder
AgTech 686 Preseeder
(2) Brillion 6' Packer Seeder- 3 Pt.
Manure Forks And Loader Buckets
Cabs- JD 4020, IH 1066, JD 4230 4 Post, IH 826, MF 1105, JD 4320
Cub Snow Blades And Super A Loader For Farmall Cub Or 140
Kubota 1720 Loader
NI 325 2R Cornpicker
18.4x38 Duals- 20.8x38 Duals
JD 653 Bean Head
JD 343 Corn Head
JD 213 Flex Head
JD 216 Flex Head
Woods 144-12' Stalk Chopper
200 Gal. Pull Type Sprayer
Rhino 15' Wing Fold Rotary Mower
(3) Woods HD 315 Batwing Mower
Woods 6' 3 Pt. Rotary Mower
Woods L59 Belly Mower For Cub
Woods S260 Ditch Bank Mower
New- Woods L306 & L59 Belly Mowers
New- Woods 121- 10' Rotary Mower
JD FB-B 13x7 SD Drill w/Grass
IH 510 13x7 DD Drill w/Grass
IH 10 16x7 DD Drill w/Grass
JD 8300 23x7 SD Drill
New- King Kutter 4', 5', 6' Mowers
New- Long Rototillers 55", 63", 71"
New- Woodsman 250 Woodsaw- 3 Pt.
New- Westfield 6"x16' Auger
NI 32' Elevator
MF 2X Cornplanter
IH 530 Manure Spreader
Gravity Wagon
Shaver HD8 And HD10 Post Driver
Danuser Post Hole Digger
Many Silage & Snapper Heads
(2) 8' Land Rollers
Spike Harrows
Baltic 3 Pt. Spin Spreader
Worksaver 3 Pt. Cement Mixer
Steel Bale Wagons On Gear 18'x8'
6 Ton Running Gear
JD 467 Baler
JD 336 Baler
NH 489 Haybine
NH 256 Hay Rake
NH 56 Hay Rake
Gehl 880 Mower Conditioner
NH 451 Sickle Mower
(2) JD 350- 3 Pt. Sickle Mower
Oliver 351- 3 Pt. Sickle Mower
Grain-O-Vator Feed Wagon
JD 1240 Plateless Planter

1 FARM EQUIPMENT

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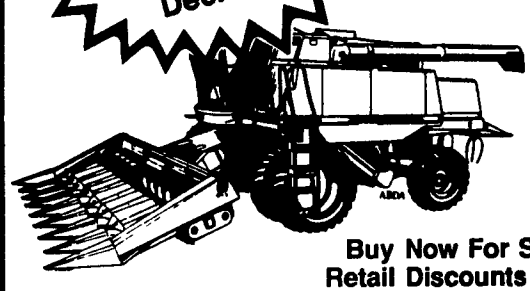

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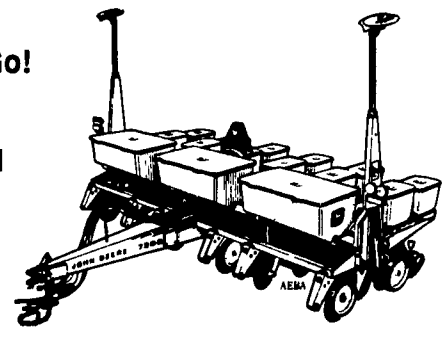

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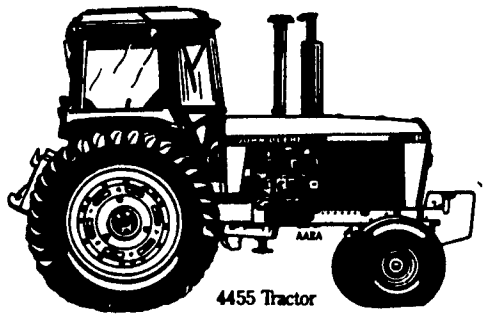

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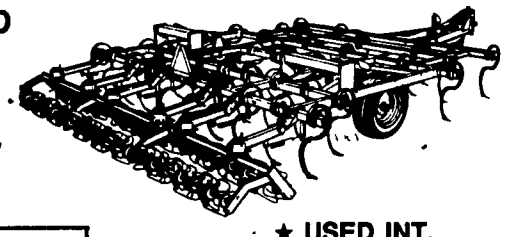

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MF 860 C.A., V-8, Hydro., 4WD w/9115 Flex & 1163 Corn Head.

MF 850, C.A., Turbo, Hydro., w/17' Flex And 6R Cornhead.

MF (78) 760 C.A., V-8, Hydro., 4 WD, w/2 Heads.

MF (76) 750 Cab, Air, Hydro

MF 550, C.A., Hydro., 4WD.

MF 550, C.A., Hydro.

White 8900, C.A., Turbo Hydro, 4WD w/2 Heads.

IH 915, Turbo Hydro, 4WD, w/810 Grain.

(77) IH 815 D., C.A. Hydro, 4WD w/810 Grain & 4R Corn.

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CORNHEADS: JD 644, 643 Oil Bath, 643 LP, 643, 444 LP, 443 Oil Bath, 443 LP, 444, 443, 344, 343, 244, 243; 205 (40) 234, 435; JD 453, 454 And 653 Row Crop Head.

I.H. 983; 963; 863; 844; 833; 744; 743; 327; 3R; 227.

Gleaner A638 Corn Head; ML 630; A.C. GL 440, C440, A438 Black, A630 Black, L2, M430, Gleaner C430 C.H., F335.

M.F. 1163, 1144, 1143, 63, 44, 43, 24, 222, 422.

N.I. 738, 743, 730, 734, 725, 723, 762, 763; Ford 4-30"; Case (404).

NH 974 N6; NH 974 W6; NH 962 N3 & 962 W4; NH 962 6RN; NH 924, 4RW; White 706N; Oliver White 4N; White 703.

GRAIN HEADS: J.D. Used 12'-15' Incl. 213 & 215 Flex & (2) JD 216 Flex; 213, 215 Rigid; JD 216 Rigid.

820 16½' Flex.

I.H. 810-13' Thru 17.5' w/ Reg. or Floating.

M.F. 10'-16' Reg. or Floating Bar; A.C. E10'.

N.I. 713 Flex Or Rigid; NI 715 S Flex.

NH 960, 13' and 16'; E 10' Grain Head.

TRACTORS:

JD 8850 4WD, C.A., 3 Pt., PTO., Fully Equipped; JD 8650 4WD w/3 Pt. And Duals; JD 4850 C.A.P.S., MFWD, Full Equip., Real Nice; JD 4850 C.A.P.S., MFWD, And Duals; JD 4650 C.A.P.S., Real Nice; '86 Model 4450, C.A.P.S., MFWD; JD 4450, C.A.P.S., MFWD, Real Nice; JD 4450, C.A.P.S., MFWD, Duals; JD 4450, C.A.P.S., MFWD; JD 4250 C.A.P.S., MFWD, Real Nice; (85) JD 4250 C.A.Q.R.; 4050 C.A.P.S., MFWD, Real Nice; JD 4050, C.A.Q.R., 1900 Hrs., Excellent Cond.; JD 2950 CA, MFWD; JD 2950, ROPS, MFWD; JD 4050, ROPS, QR; JD 4050, ROPS, Power Shift; JD 2950 C.A., MFWD; JD 2950 MFWD w/Rollguard; New JD 2355; JD 2550 w/175 Loader, Like New; JD 8640 C.A., 3 Pt., PTO w/Duals; JD 8440 C.A., 4WD; JD 4840 C.A.P.S., Duals; JD 4840 C.A.P.S. Duals & Quick Hitch; JD 4840 C.A.P.S., w/Duals; JD 4640 C.A.P.S., 18x42 Duals; JD 4640 C.A., QR, Duals; JD 4640 C.A.Q.R., 18.4x42 Duals; JD 4640 C.A.Q.R.; 4640 C.A.P.S.; 1981 JD 4440 C.A.P.S.; 1982 JD 4440 C.A.Q.R.; JD 4440, C.A.Q.R., Nice; JD 4440 C.A.Q.R.; JD 4440 C.A.Q.R.; JD 4440, ROPS, Q.R.; (82) JD 4240 C.A.Q.R.; (81) JD 4240 C.A.Q.R.; JD 4240 C.A.Q.R.; JD 4240 C.A. w/Creeper Trans; JD 4240, ROPS, QR; JD 4040, C.A.Q.R., Nice; JD 4040 Fender, Power Shift; JD 2940 MFWD; JD 2940 MFWD w/ROPS; JD 2840 w/Cab; JD 2840 w/ROPS; JD 2840; JD 2640 w/Hi-Lo; JD 1982 2440 w/146 Loader; JD 2040; 4630 SR w/Cab & Air; JD 4630 Fender, Syncro Range; 4430 C.A.P.S.; JD 4430 C.A.Q.R., 20.8x38 Radials; JD 4430, C.A.Q.R.; JD 4430 Fender, QR, As Is; JD 4230 C.A.Q.R., Nice Cond.; JD 4230 C.A.Q.R.; JD 4230 CA, Syncra Range, Nice; JD 4230 C.A.Q.R.; JD 4230 C.A.Q.R., As Is; 4430 ROPS, Syncro Range; JD 4030 Quad Range w/Cab; JD 4030 w/ Cab, Q.R.; JD 4030 w/158 Loader, 1000 Hrs. On Overhaul; JD 7520 C.A., 4WD, Needs Motor Work; JD 5020 (Needs Motor Work); JD 4520 ROPS, PS; JD 4320; JD (6) 4020's 1964-1972; JD 4020 S.C., WFE, 2 Hydraulics, Diff. Lock; 4020 S.C., W.F.E.; 4020 WF, Powershift, Orig. Paint, New 18.4x34's; 4020 S.C., W.F.E.; JD 4020 Dif. Lock, 2 Hydraulics; JD 4020 Tricycle Dsl., Side Console, Nice; JD 4020 w/Cab, Real Good; 1972 JD 4000 w/Cab; JD 4000 D WFE; JD (72) 3020 Tricycle Dsl.; JD 3020 D, WFE, Power Shift; JD 3020 Dsl., WF; JD 3020 D Tricycle; JD 3020 D, WFE; JD 3020D, WFE; 2520 Dsl.; JD 3020 G.; JD 2020 Gas, Real Nice; JD 2020 Dsl.; JD 4010 WFE, Nice; JD 4010 Tricycle, Gas, w/Cab, Nice; (2) JD 3010 D WF; JD 3010 D., Tricycle; JD 3010 Gas; JD 3010 Gas, Tricycle; JD 3010 Gas w/ Loader; JD 2510 Tricycle, Gas; JD 730 Dsl. w/3Pt., Good Cond.; JD 730D; 1950 JD D.

IH 5488, C.A., MFWD, 20.8x38 Duals; IH 5488 w/Duals; IH 5488, C.A., Duals; IH 5288 CA w/20.8-38 Duals; 5088 C.A. w/New 20.8x38 Radials; IH 5088 C.A.; 3588 2+2, C.A.; IH 3588 2+2, C.A.; IH 3388 2+2; IH 1586 C SOLD Nice; IH 1586, CA, Duals; IH 1586 C.A.; IH 1586 C.A. (Needs Trans. Work); IH 1486 C.A. Duals; IH 1486 CA; IH 986 C.A.; IH 986 ROPS; IH 186 Hydro, ROPS; 886 w/R.G.; F786; F686 Original; Farmall 86 Hydro w/2250 Ldr.; IH 4166 4WD, w/3 Pt. And PTO; IH 1466, C.A., 18.4x38 Duals; IH 1066 w/Cab; F 1066 Fender, Original; IH 1066 (Needs TA); IH 1066 Fender; 1566 w/Cab; 1466 w/Cab; 1466, C.A.; IH (76) 1466 w/ROPS; 1466 Fender; IH 966; IH 966D, WFE, TA, 2 Hyds.; 966 Fender; IH 766 C.A.; F766 w/Factory Cab; 766 Fender Dif-Lock, New Tires; Farmall 666, Dsl., WF; IH 1026 Hydro; Farmall 826 Hydro, Nice; IH 826 Dsl., WF; IH 784 MFWD; IH 684 Row Crop Utility; 574 D. w/Loader; IH 574 Dsl.; Farmall 544 Gas, WF, 3 pt.; IH 544 Utility Gas; IH 444 U. Gas w/IH 1501 Loader; IH 504 Utility Dsl. w/IH 1501 Loader; Farmall 856 Dsl., Nice; 756 Dsl., WF; Farmall 656 Dsl., Hydro, Real Nice; IH 1206; F560 Gas, WF, Nice; IH 560 Standard Dsl.; Farmall 560 Dsl.; Farmall 400 Tricycle w/PS And Loader; Farmall 350 Tricycle w/PS, FH; Farmall 200; Farmall 100, Hi-Clearance w/Cultivators; Farmall 100 w/Woods Mower; Farmall 350 w/ Fast Hitch, Very good Condition; Farmall M; Super H; Farmall C; IH Super C w/Ldr. And Fast Hitch Equip..

AC (84) 8070 C.A P.S.; AC 8070 C.A.P.S. w/Duals; AC 8050 C.A.P.S., MFWD; AC 8050 C.A.P.S., w/470 Loader; AC 7060, C.A.P.S., Real Nice; AC 7020 CA, 20 Spd.; AC 7010 C.A., 20 Speed; AC 7010 C.A.P.S., w/AC 470 Loader; AC 200 D original; AC 185; AC 180 Dsl., WFE; AC D17 Series IV D. 3 Pt., WFE; AC D21 Series 2; AC C.A. w/Plow And Cultivator.

(86) Deutz Fahr DX 8.30A, 190 HP, C.A.P.S., MFWD, Nice; Deutz 5506 w/Dunham Lehr Loader, Nice; Deutz Fahr DX 830 C.A.P.S., MFWD.

CASE IH 3294 CA MFWD, Radials, Real Nice; Case 2294, C.A.P.S., MFWD; Case 2294, C.A.P.S., 1200 Hrs., Like New; Case 2094 C.A.P.S., MFWD; Case 4890 4WD Full Equipment; Case 2590, C.A.P.S., 20.8x42; Case 2390 C.A.P.S., Duals; Case 2290 C.A.P.S.; Case 2090 C.A.P.S., 20.8x38; Case 2090 C.A.P.S.; Case 2290, C.A.P.S.; Case 1690 C.A., MFWD; Case 1690, C.A.P.S.; Case 1390; 1983 Case 1290, MFWD w/Case 56 loader; Case 2470 4WD, C.A., 3 Pt. & PTO; Case 1070 w/ Cab (As Is); Case 970; Case 830D WFE; Case 730 Gas w/3 Pt., WF; Case 530 w/Power Steering And 3 Pt.; David Brown 1210 (As Is).

MF 3545, C.A., MFWD, MF 2805 C.A., 24 Speed, w/Duals; MF 2745, C.A., 24 Spd., Real Nice; MF 2705 C.A., 24SP.; MF 2705, C.A., 8SP.; MF 2705, C.A.P.S.; MF 2675 C.A. 24-Speed; MF 1150 w/ Cab; MF 1150 Fender w/Duals, MF 1100; MF 165 U Gas; MF 135 Dsl., w/Ldr.; MF 85 Dsl., Original; MF 65 Tricycle Dsl.; MF 50 Dsl., WF, PS, Real Nice; MF 35

Ford TW30, C.A., MFWD, Ford TW30 C.A., Duals, Ford TW10, ROPS, Dual Power; Ford 7710 C.A., Nice; Ford 4610 w/Syncro Mesh, Dual Hyd.; Ford 8700 C.A., Dual Power; Ford 7700 w/Roll Guard, Dual Power And Load Monitor; Ford 7700 ROPS, New 18.4x34 Tires; Ford 8000; Ford 5000 Dsl., WF; Ford 5000 Gas, One Owner, Original; Ford 3000 w/PS w/Ford 772 Ldr.; Ford 2000 Gas w/Ford Loader, Ford 8N; Ford 8N, Good Cond.; Ford 8N, Ford 9N w/Snow Plow.

Versatile 500 4WD, Full Equip.

White 2-155 C.A., MFWD; WHITE 2-135, C.A.; White 2-105 w/ Hiniker Cab, Good Cond.

OLIVER 1855 MFWD; Oliver 1755 dsl., wfe (needs clutch); Oliver 1655 D, WFE; Oliver 2050; Oliver 1650 D, WFE; Oliver 77 WF, MM G1000 Nice

Steiger Bearcat 2 w/Duals & 3 Pt.

Tractors & Equip. Just Traded.

JD 235-23' Fold Disc; JD 215 Disc, Deutz Fahr 3 Pt Tedder Rack, Ford 1300 D, MFWD, JD 2940 CA, JD 4320 Real Nice, Badger 315 Liquid Tank w/Vacuum, AC 200 w/Cab, Case Loader, JD 555A Crawler Loader; JD 3 Pt. Hay Rake, MF Hay Rake, AC 7030 Fender, MF 1080, Oliver 1755, MF 1135, NH 316 w/#75 Thrower, Year-Round Cab For 4320, JD 843 SOLD h Corn Head, Wood Chipper.

CORNPICKERS: (4) (Used) 325-2RN w/12 Roll Husker, Shellers & Super Shellers; New Idea 325 Picker w/12 Roll Bed & Super Sheller, Real Nice; NI 325 w/12 Roll Bed, Good Cond.; (4) (Used) 324-2RW w/12 Roll Huskers; NI 324 Picker w/8 Roll Bed; Shellers & Super Shellers; NI 323 Nice; NI 323; NI 323 Picker; NI 330 3R Picker w/12 Roll Bed.

New N.I 329 Super Sheller List $6700.00, Special $3,550; N.I. 330 - 3 RN w/Supershellers; 325 2RN w/Grinder.

PICKER: NI 319 Mtd.; NI 319 2 Row Mounted Picker w/12 Roll Bed.

FORAGE EQUIP.: Forage Harvesters w/Choice of Heads.

JD 5400, C.A., 4WD w/3 Row & Hay Pickup, Good Cond.; JD 5200 4WD Chopper w/Dura Drum Head; JD 3970 w/7' Pickup; JD 3980 w/2 Heads, Full Equip.; JD 3940 w/2 Heads; JD 3940; JD 3800 w/2 Heads; JD 3800 Chopper, Hay Pick-Up; JD 3800 Harvester, w/2R Corn Head; JD 3960 w/3R Cornhead; JD 3960, JD 35 Chopper; JD 34 Chopper w/1 Row And Hay Pickup.

NH 1890 4WD w/3 Row Auger Base & Hay P.U., Good Cond.; NH 900 Chopper, Like New; NH 900 Chopper; NH 890 w/Electric Controls, 2R Corn & Hay Pickup, NH 782 w/824 Corn Head And Hay Pickup, Good Cond.; NH 770 w/ heads; NH 770 w/822 Cornhead; NH open end hay pickup heads, 6'; IH 830 Chopper w/2 Row And Hay P.U.; IH 830 w/3 Row Corn Head And 2 Row Snapper Head, IH 720 w/2R And Pickup, Good Cond

Gehl 1200 Tandem Axle Chopper w/3R corn Head And Hay Pickup

Field Queen Self-Prop Chopper w/ Cab And 2 Heads.

NI 709 Uni, 4WD, w/767 Chopper

NI 708 w/767 Chopper And 768 3R Corn Head, Hesston 7020 w/Hay Pick-Up

Fox Super D w/Cab 3R C H & PU

Gehl CB 1200 Chopper

Balzer 1014 Hydraulic Dump Station

FORAGE HEADS: NH 824 Corn Head; NH 717-S Direct-Cut for 770 & S717; 890 EN-2RN Snapper, 770-1R Snapper, (3) NH 822 Silage, NH 890 w/2 or 3R C H, NH 890 2R Snapper Head, NH 890 Direct Cut Head, 1, 2, & 3R Silage; NH 880W PU; NH 880 S Direct Cut; NH 890 N3 3R Corn, Incomplete; NH 974 4RN Corn Head w/Adapter Plate

JD 2 & 3R Snapper; 2 & 3 R Silage, Used 5½ ' and 7' Hay Pickups, JD 443 Low Profile Corn Head w/ Adapter Plate For Harvester, JD 343 Cornhead w/Adapter Plate, JD 243 C H. w/adapter plate, 3 JD C H harvester adapter plates

IH 2R Snapper Head; IH 830 3 Row 30" Cornhead; 2RN for 650, NI 766 Hay PU, Gehl 2RN Corn Head, Gehl HA900 Hay Pickup

NI 768 WN 3R Corn Head, NI 763 3R Corn Head.

2 CSB 2RW - Snapper, 263-2 RW, 109 Hay Pickup

BLOWERS: NH 27 Blower, Farmhand Burr Mill Blower.

FLAIL CHOPPERS: JD 16A Flail Chopper; JD 27 Stalk Shredder, MC 6 Row Stalk Shredder, NH 38 Flail, Good Condition; Gehl 7200 Flail Chopper

SILAGE WAGONS: Kelly Ryan Dump Station, JD 716 Tandem Axle w/ Roof, JD 716A Tandem w/Roof, JD 716 Tandem Axle 3 Beater w/ Roof; JD 716A Tandem w/Roof, Real Good

HAY EQ.: BALERS: IH 8540 Baler w/ Thrower, Real Nice; Deutz Allis HD 490 Baler w/Thrower, Like New; JD 466; JD 347 Baler w/ Thrower; JD 347 w/Thrower; JD 337 w/Thrower; JD 327 Baler w/ Thrower; JD 327 Baler w/ Thrower; JD 346 w/Thrower, JD 336 w/Thrower; JD 336 w/ Thrower.

Ford NH 326 Baler, 3 Yrs. Old; NH 425 Wire Tie Baler; NH 320 w/New #70 Thrower; NH 320 Baler w/70 Thrower; NH 320 Baler w/¾ Turn Chute, NH 316 Baler, Real Nice; NH 315 w/70 Thrower; NH 315 w/ Thrower; NH 315 w/70 Thrower; NH 310 Baler w/70 Thrower; NH 276 Baler w/Thrower (Wrecked), NH 273 On Steel; NH #75 Ejector; IH 445 Baler w/#15 Thrower, Hesston 4600 In-Like Baler w/ Thrower; JD 410 Round Baler, NH 849 Round Baler w/Auto Wrap; NH 848 Round Baler w/ Memory Wrap, NH 851 Rd., NH 847 Auto Wrap, Real Nice, NH 847 w/Auto Wrap, Like New, NH 847 Auto-Wrap, NH 847 Round Baler w/Auto Wrap, NH 846 Round Baler, Manual Tie, Like New, Gehl 1400 And 1500 Round Balers

RAKES.

NH 259 Rake, JD 670 Rake w/Dolly Wheel, IH #96 Hydraulic Drive Rake w/Dolly Wheel, (New) PZ 420 Rake, New Grimm 4-Star Tedder, Grimm 7' Tedder, Pequea 710 Hay Tedder, Kuhn 4 Star Tedder, Deutz Fahr KH500 Tedder, Pequea 8' Ground Drive Tedder

Fisher Hay Windrow Turner, Pequea 466 Windrow Turner

HAYBINES: (1982) NH 1495 D C A. Hydro, 800 Hrs.; NH 1495 Dsl., C A., Hydro., NH 1495 D Hydro w/Half Cab; NH 1495 Gas w/Cab, NH 1495 Gas Haybine; NH 499 Hydro Swing Haybine, Very Nice, 495; 489; NH 479, 478, NH 467 And 477; JD 1327 Disc bine, Real Nice; JD 1219; JD 1327 Disc bine, Like New; Deutz Allis SM-70 Disc bine.

New MC 7E; NI 272 and 279 Cutditioners; NH 1005 and 1010 Bale Wagons; NH 1030 Bale Wagon; NH 1002 Bale Wagon w/Tier Type.

PLANTERS: AC 333 6R No-Till Planter; JD 7000 8 Row Planter w/Dry Fert., JD 7000 6R Cons., Dry Fert; JD 7000 6R Cons Liq; JD 7000 4R Liq.; (Used) 7000-6R Cons. Liquid w/No Till; JD 7000 6R Conservation, Dry Fert.; JD 7000 6R Corn Planter, Dry Fert.; JD 7100 6R Planter, 3 Pt.; JD 5R Splitter w/No-Till; JD 7000, 6RW Plate Planter; JD 7000 4R Consv., Dry Fert.; 7000-4R Dry & Liquid; (2) JD 7000, 4R Dry Fert., Full Equipment; JD 7000 4R Plate Planter; JD 7000 4R Planter, Dry Fert., Real Good; IH 800 4RN Liq. Plate Planter; IH 56 4R Planter; Hiniker 4R Econotill, No-Till, w/Kinze Units; White 5100 6R Planter, Fully Equipped, White 5400 6R Corn Planter, Dry Fert.

DRILLS: JD 8300 21x7 DD, JD 8300 21x7 Single Disc Drill, JD 8300 Drill, 21x7 DD, JD 8250 18x7 DD w/Fert. & Grass Seed; JD 1500 3 Pt Power Drill, JD 9300 Tandem Drills, Tye 24x6 Drill, IH 5100 21x7 DD w/Press Wheels, IH 5100 24x6 Single Disc w/Grass Seed, Like New, IH 5100 Drill, 21x7 w/Press Wheel And Seed, 510 24x6 Double Disc, IH 510 18x7 DD Drill w/Grass Seed, (New) Brillion 10' Transport Seeder, Brillion 10' Transport Seeder

GRINDERS/MIXERS: JD 750 Grinder Mixer w/Hay Feeder; Owatonna 450 w/Scales, Bearcat 1250, Allied Tuffy; Roto Grind Tub Grinder.

TILLAGE EQ.: PLOWS: Ford 2X Rollover; Fast Hitch 3X Plow; Ford 3X Plow; Ford 140 3X Spring Reset; IH 450 3X Spring Reset; JD F325 4X, 3 Pt., Hydr. Reset Plow; JD 1250 4X Plow; JD 145 4X Plow, JD 4x16" Roll-Over Plow, JD 8450 4X Rollover Plow, IH 700 4X Spring Reset Plow; IH 700 4X Reset, IH 550 5X, JD 1450 5x18 Plow, JD 2600 4X Trip Plow, JD 2500 5x18" Spring Reset Plow, New Taylorway Pittsburgh 5X 18" Spring Reset, White 549 5x18" Plow, IH 710 5x18" On-Land Hitch Plow, Oliver 546 5X Trip Plow, Case 400 6X Spring Reset Plow, IH 720 6x18 Plow, JD 1450 6X, IH 720 6X Reset Plow, IH 720 6x16 Spring Reset On-Land, IH 720 6x18" On-Land Plow, White 508, 6X Reset, 6B Semi, IH 700- 6x16 Spring Reset; White 549 5-6x18 Spring Reset; JD 2700 6X Plow, Case 400, 6x18 Spring Reset On Land, (2) JD 945, 5X Semi Rollover, (2) JD 2800S, 7X, JD 2800, 7X Onland; IH 710, 7X Onland, JD 2800 7X On Land, JD 3600 8X Spring Reset, On Land, JD 2800 8X Plow

CHISEL PLOWS: Bush Hog 8', Glencoe 10' Pull Type Chisel Plow, JD 1600, 12' Chisel, Brady 12' Chisel Plow, Brillion 12' Chisel Plow, AC 13' Chisel Plow, Bush Hog 10' w/ Buster Bar; JD 1610 20' Fold, Chisel Plow; Good Cond

DISCS: JD 3 Pt. 7' Disc; Hutchmaster 8' Offset Disc, Miller 9' Offset Disc; AC 3100 10' Offset Disc, Oliver 12' Disc, Bush Hog 245 14' Offset Disc; Miller 10' Offset Disc; White 281 12' Offset Disc, IH 770 10' Offset Disk, Like New, IH 770 20' Hyd. Fold Offset Disc; Case 14' Heavy Disc; JD 310 14' Disc, JD 210 13' Disc; JD 210 14' Disc, Real Nice; JD 215 Disc; Miller 12' Offset Disc, White 15' Offset Disk; IH 496 18' Hyd. Fold Disc w/ Buster Bar; IH 475 20' Hyd. Fold Disc, Case F21 21' Hyd Fold Disc, IH 475 20' Hyd. Fold Disc, Dunham Lehr 34-20' Rock Flex Disc; Rhino F90B 22' Hy Fold, Rock Flex, JD 230 24' Hyd Fold Disc

MULCH TILLERS: Glenco 7 Tooth Soilsaver w/New Blades, Landoll 7 tooth soil saver, Glenco 18' Fold Soil Saver, Glenco SS18 Fold Soil Saver; Rhino 890 5 Tooth 7' Soil Saver, Like New, Landoll 20' Hyd. Fold Soil Saver

CULTIMULCHERS: JD F950 12', Brillion 12' And 15' Cultimulchers, Brillion 13 Ft Cultimulcher, Brillion 13'; Brillion 14' Cultimulcher, Dunham Lehr 15', IH 415 12' Cultimulcher

CULTIVATORS: JD 4R Front Mount Cultivator, JD AT 40 4R Front Mount Cultivator; IH 68 4R Front Mount Cultivator, McKee 4R S Tine; McKee 4 Row S-Tine Cultivator; (2) JD RG 4; JD & IH 6R 3 pt.; JD 6 Row Cultivator; AC 6 Row S-Tine; Brillion 6 Row HD Cultivator w/6 Row Wings, IH 65 6 & 8R Front Mounted Cultivator; JD 8R Cultivator; 8R S Tine Cultivator; 8R Fold S-Tine Cultivator; JD 1010 28' Hydraulic Fold Field Cultivator; JD 22' Hyd. Fold Field Cultivator; Brillion 20' Hyd. Fold Field Cultivator; White 283 20' Hyd. Fold Harrow; Brillion 23' Hyd. Fold Field Cultivator; Vicon 14' Power Harrow

MISC: JD 400 - 15' Rotary Hoe; Brillion 21' Hyd. Fold Packer; Brillion 23' Fold Packer; Brillion 21' Fold Packer; 5 Shank V-Ripper; Brillion 7 Shank V-Ripper; IH #11 5&7 Shank Spring Reset V-Ripper.

INDUSTRIAL: IH 3444 Diesel Indust. Tractor Loader w/3 Pt And PTO, IH 3616 Dsl. w/Ldr.; New Arps 740 3 Pt Backhoe, MF 2200 Dsl. Forklift, As Is.

1978 Case 580C Dsl L, B, ROPS, Cab w/Heat, Case 580B LB w/ ROPS; AC 715B L & B., JD 300 Gas Loader Backhoe, IH TD14, Angle Blade, $2,995; IH 500 Dsl. Crawler w/6-Way Blade, JD 450C Crawler Loader; JD 555 Crawler Loader, 4 In 1 Bucket For JD 450

SKID LOADERS: Bobcat 444, Bobcat 533 D Skid, Case 1816 B Skid Loader, Case 1740 Dsl Skid Loader, Case 1845 D Skid

LOADERS & BLADES: JD 58, 145, 146 w/Grapple; 148, 260, 280, IH 2455 Loader; IH 2355, Like New, IH 2350, 2250, 2050, 2000, Case 66 Loader, Farmhand #258 (JD 4230), MF 236, Ford 720 Loader, Artsway HD loader for 4WD, Westendorf 64L, AC Loader For D17, Ford Ldr For 8000 Etc., JD Fork Attachment, JD 8' Dozer Blade For 4430, Etc., Leon 12' Heavy Duty Front Blade, Amco 905 Heavy Front Blade, York 8' 3 Pt Stone Rake, JD 155 9', Fast Hitch 8' Blade

LAWN & GARDEN: JD 600 AMT, JD 950 w/PS And Bush Hog Quick-Tach Loader; Farmall Cub w/ Equipment, JD 855 4WD Hydro, JD 600 5 Wheeler, Cub Lowboy, Cub Cadet 582 w/Ldr And Mower, Cub 184 w/Mower & Creeper Trans., Cub 154 Lo-Boy, With Creeper Trans., 154 Lo-Boy w/3 Pt., Cadet 782, 1100, JD 935 D w/ Front Mower; JD 420 Dsl w/ Mower, JD 400 w/Cab & 3 Pt., JD 400 w/Mower; JD 318, 317, 316, 214, 212, 210, 160, JD 318 Blade & Snow Blower, (New) Johnson Loader For Cub Loboy, Snowblower For JD 300 Series, Loader For JD 318

New Yanmar YFL 1000 Ldr

ROTARY CUTTERS: JD 1508 Wing Cutter; Woods C80 Rotary Cutter, Woods 6' 3 Pt. Cutter, 10' Offset Cutter

Hardy H360C0 Ditch Bank Cutter

SICKLE MOWERS: NH 450 3 Pt.

MANURE SPREADERS (New) Gehl 1460 Scavenger Spreader, New H&S #235 Single Axle Spreader, New H&S #310 Tandem Axle Spreader, Gehl 315 Tandem Side Spreader, NI 354 Tandem Spreader, NI 354 Tandem Spreader, Martin V3300 Tandem Tank; Martin 3400 Gal. Tank w/ Injectors, Betterbilt 3000 Gal. Tank w/Pump And Injectors; Martin Manure Auger, 4 Shank Manure Injector, NH 668 Tandem Tank Spreader, NI 214 Spreader

New Killbros Bins & Running Gears

MISC. EZ Flo 475 Grain Cart, JD 1210A Grain Cart, Knight Little Auggie Feed Mix Wagon w/ Scales; Schwartz Feed Wagon, (New) White 8' Pull Type Earth Pan, 5½' 3 Pt. Box Scraper; Powell 3R Transplanter, (New) Mayrath 32' Elevator; Martin Research #40 Rubber Tracks For Combines, Etc., Riteway Rock Picker; Farmhand 8' Snow Blower, JD Quick-Couplers, JD WF, 4WD, I.H Flat Top Fenders For 706-1466, I H. 66 Series Cabs, Year-Round SOLD r For IH 66 Series, Damaged IH 84 Series Cab, J D & I H Front & Rear Wts; JD 243 Corn Head w/ Adaptor Plate, New WFE For Ford 7700; Mye SOLD Blade for IH 240, Case Motor For 970 J D Roll-Guards

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IH '76, 915 D, Cab & Air, Turbo Hydro w/810 grain	$ 7,500
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(2) IH 205's w/Cabs, 10' Grain Head, Buy The Pair For	$ 1,500
IH 203 w/Cab And 10' Grain	$ 1,950
JD 4400 Gas	$ 3,500
MISC.	
NI 702 Gas, w/Cab, 726 Bed & 2R Corn Head	$ 1,975
NI 325 w/12 Roll Bed	$ 3,500
IH 800 4 Row Plate Planter	$ 2,900

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AC 190
Ford 5600 w/Cab
(2) Ford 2110's
Case 1194 w/Cab

MISCELLANEOUS

DMI Plow Chisel
Bushog Post Hole Digger
Brillion Pulverizer, 12'
McKee 6 Row Cultivator
Pasture Renovater
IH 1150 Grinder Mixer

MOWER CONDITIONERS

NH 1495 SP Haybine w/Head
NH 495 12' Haybine
NH 411 Discbine, Exc.
MF 925 Mower Conditioner
(3) NH 489 Haybine
NH 499, Hyd. Tongue, Exc.
NH 488
NH 479
NH 469
JD 1326 Disc Mower Conditioner

FORAGE EQUIPMENT

(2) NH 1495 Rolareel Heads
NH 890 Auger Base
Int. 830 w/Corn Head & WPU
NH 822 Head
NH 30 Blower
NH 40 Blower
Gehl 1200 Harvester w/3RN & WPU
Gehl 1580 Blower
NH #8 Wagons
NH 890 WPU
Field Queen Side Dump Wagon
(2) Field Queen 7600 SP Harvester w/3RN & WPU

SPREADERS

IH 575 — NH 308
NH S676 — NH 307

LOADERS

NH 783 Skid
Cat 955 Crawler Loader
Ford 3500
Ford 555A, TLB
NH 785 Skid Loader
NH 785 Skid w/Backhoe
NH L775
JD 644B w/3 Yd. Bucket
Ford 555B TLB
JCB 1400 B, TLB
(2) Dunham 22
NH L455 w/Fork

BALERS

NH 272
NH 273
NH 316 Baler w/75 Thrower
NH 310 w/TJD Wisconsin Eng.
NH 315
Thrower 75
NH 276 w/Thrower
(1) NH 269
NH S68
NH 271 Baler
JD 347 w/Kicker
JD 336 w/Engine
(2) NH 310
NH 270
NH 851, Auto Wrap Baler
MF 124 w/Thrower
NH 276 w/Motor
(3) NH 320 w/70 Thrower
NH 852 Rd. Baler
NH 326 w/¾ Ton Chute

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Ford 1920
Ford 1320
Simplicity 5216H
AC BC 112
Howard Pro 72 w/Mower
JD C 111
Kubota B-7100 w/Mid Mower
Kubota F2000 w/RC60F24 & Grass Catcher

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1987 JD 4450 SGB, power shift, very nice
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JD 4440 SGB, power shift, very nice
1982 JD 4240 SGB, power shift, 2500 hrs., very nice
1982 JD 4240 SGB, power shift, very nice
JD 4430 cab, air, quad, nice, 4400 orig. hrs.
JD 4430 cab, air, quad, nice
JD 1977 model 4030 diesel, 4 post, recent engine overhaul
JD 4320 w/fac. cab, 4400 hrs., very nice
JD 4020 w/cab & air, side console, power shift
JD 4020D 1971 model, WF, 2 hyd., nice
JD 4020D, power shift, WF, recent eng. overhaul
JD A 2 cylinder

JD 450C crawler dozer w/6 way blade
Case 1835B skid loader, diesel

Case IH 7110 Magnum cab, air, duals, wts., 125 hrs., 1991 model, like new
IH 5288 MFWD cab, air, nice, '84 model
IH 3688 factory cab & air
IH 1586 factory cab & air w/new TA
IH 1486 factory cab & air w/rebuilt eng.
IH 1486 fac SOLD air, 2100 hrs.
IH 1086 factory cab & air, new TA, 2600 hrs.
IH 1086 4 post ROPS
1980 IH 186 hydro, fac. cab & air, late model
1980 IH 986 factory cab & air
IH 986 factory cab & air, new TA, & clutch
IH 886 factory cab & air, 1752 actual hrs., very sharp
IH 886 factory cab & air, nice
IH 886 4 post WF & 3 pt.
IH 86 hydro, WF, 3PT, nice
IH 966 w/cab, 3 PT, 38" tires, clean
IH 966 diesel, 3PT, WF or NF, very nice
IH 1456 fender tractor, 20" rubber, nice
IH 1066 w/year round cab, sharp
IH 1066 fender tractor, sharp
IH 666, diesel, WF, 3PT, roll bar
IH 1026 hydro, WF, 3PT (rebuilt hydro)
IH 826 D, gear, 2PT, WF, sharp
IH 756D, WF, 3PT
Case IH 685 w/reverser & Case IH ldr.
IH 884 diesel, late style
IH hydro 84 w/rebuilt hydro and 2250 ldr.
IH 504 gas 3PT, NF
Farmall 504 gas, WF, 3 pt.
Farmall 560 gas w/fast hitch, very nice
Oliver 77 SOLD s, nice

Uni Systems

NI 702 gas w/cab & air
NI 813 & 815 (low acre flex heads)
NI 767 Super chopper w/3RN and hay head
NI 725, 735, 738 corn heads
NI 727 husker
NI 711 grain head, nice
NI 705D w/bad engine

Implements & Misc.

NH 846 round baler
JD 146 SOLD er, less bucket
IH 720 SOLD toggle trip
IH 720 5x16 toggle trip
IH 710 5x16 auto reset
White 5'x18" plow
JD 145 5x16 plow
MF 4x16" rollover plow
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IH 475 21' disk, hyd. wing fold
IH 35 disk, 10½'
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JD WF for SOLD 30 2 cyl. tractors
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JD 4400 D, cab, air, nice

Heads

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MF 1143 4RN corn head, good cond.
MF 1144, 4RW
MF 43, 4RN
MF 9115 flex head
MF 9113 flex head, like new
(2) IH 863 6RN
IH 844, 4RW
IH 943, 4RN
IH 820, flex 13'
JD 643, 6RN
JD 443, 4RN
JD 444 4RW; JD 444 oil bath
JD 343 3RN; 244 2RW
JD 216 flex, black reel
JD 213 flex black reel
JD 215 flex; JD 215 flex black reel
JD 100 Series 13' & 15' rigid heads
JD hay pickup head, 5½'

Used Parts

IH 706 diesel
IH 1256
IH 70 hydro
IH 806 diesel & gas
IH 560 D
IH 706 gas tractor
IH dual PTO units
IH 826 diesel
IH 1026 hydro
Farmall 400 & 450 D & gas
Farmall H & M
NI 713 & 715 grain heads
NI 702 D & 701 G & 702 G
NI 717 combine
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IH 544 diesel, hydro Farmall
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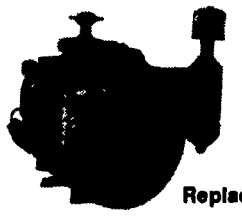

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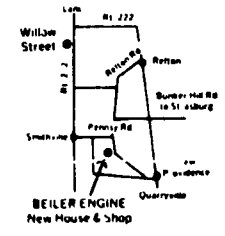

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2755
4255

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JD 50
JD LA

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JD 4435 Comb.

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JD 215 Flex Head
JD 643 C.H.
JD 237 Mtd. Pick w/Shelling Att.
IH 303 Combine
10' G.H. 2 RW C.H.

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IH 56 4 RW Planter, Dry Fert.
Holland 2R Transplanter
AC 5 Row No-Till Corn Planter (Liquid)
IH 21x7 5100 Single Disc Drill
McCormick Grain Drill 13x7, grass seed box

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Bush Hog 12' Disc Wheel Lift
Ford 6X Var. Width Plow
Brady 20' Folding Field Cult.
JD 5X Semi-Mtd. Plow
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JD 1209 Mo-Co
JD 1207 Mo-Co
Hesston PT-10 Mo-Co
NH 451 Sickle Mower 3 Pt.

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2 R Braco Potato Harvester w/PTO Drive
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NI 213 M SOLD e Spreader

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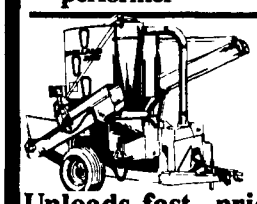

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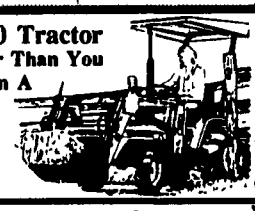

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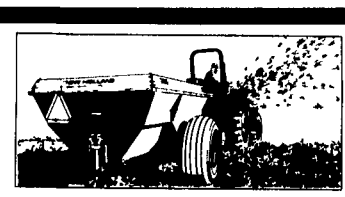
The Ford 445C tractor loader has hard-driving power for scraping, digging and loading. Come in for a demo today - and feel the power.

Call Us For Special Price!



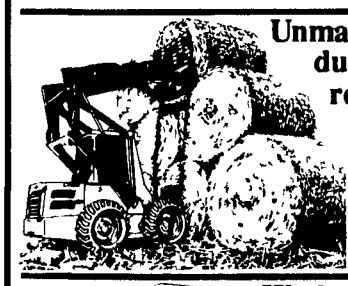
Speedy handling of a sloppy job

CASH PRICE **$4,995** F.O.B. New Holland

From sloppy material to pen-packed manure with bedding. New Holland side-delivery spreaders handle a variety of materials quickly and cleanly. They also spread poultry, freestall and gutter manure from barn cleaners.

New Holland side-delivery spreaders give you precise control over the amount of material per acre. Spreading rates are hydraulically controlled, providing uniform spread patterns. The Ford New Holland warranty gives you full protection against tank rust-through for ten years. High-strength, corrosion-resistant steel, also used in other areas of the spreader, assures maximum durability and performance.

Now New Holland side-delivery spreaders come in six capacities, from 1,000 gallons all the way up to 2,400 gallons. See the full line of New Holland side-delivery spreaders today.



Unmatched dump reach

The New Holland Super Boom Loaders lift the payload forward as the boom rises so you get more forward reach where you need it most. Super Boom loaders also feature

- A longer wheelbase for greater stability.
- An integral cab and rollover structure.
- Gas or diesel, air- or water-cooled engines from 18 to 57 horsepower
- Operating loads from 600 to 2,050 pounds

Ask for a demonstration. Find out how much better a skid-steer loader can be.

We have a spreader for any farm

Only Ford New Holland offers seven quality spreaders to match any farming operation, including yours. All New Holland spreaders clean out fast to make quick work of dirty jobs.

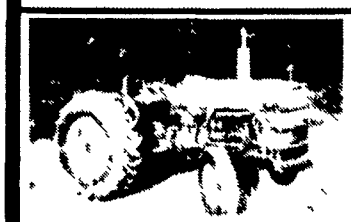
Model	(Bu.) Cap.
213	108
329	138
514	177
520	217
680	287
791	360
795	410

- Bonded Protection, the exclusive lifetime guarantee, covers the floor and sides. Ask us for details
- Corrosion-resistant steels are used throughout for tough, long-lasting construction
- Plus adding optional slurry sides on the Models 514, 520 and 680 increases capacity up to 25% at a fraction of the cost.

ABC GROFF Since 1948 The Name You Can Trust
110 South Railroad Ave.
New Holland, PA 17557
717-354-4191
M-F 7:00 to 5:00 Sat 7:00 to Noon

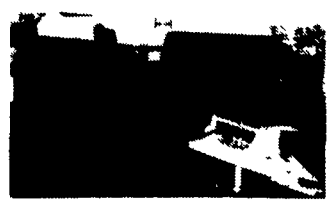
FORD NEW HOLLAND — We're committed to serve you better

BARGAIN HUNTER VALUES - *Many To Choose From!*



TRACTORS

- Ford 4600 52 HP
- Ford 3600
- Ford 3000
- Ford 4000
- Ford 600
- Ford SOLD w/Loader, 40 HP
- Ford 1720 w/Loader, 27 HP
- Ford 555 Ind. Loader
- John Deere 2630 70 HP
- John Deere 855 w/Loader
- MF 275 w/Loader, 65 HP
- MF 1035 31 HP
- AC 175 Diesel
- Farmall 460
- Farmall 400
- Farmall 350 w/Loader
- Leyland 262 Synchro w/Loader, 60 HP



SPREADERS

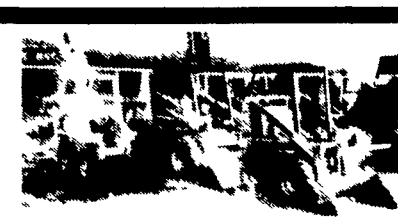
- New Holland 518
- New Holland 520
- New Holland 791
- New Idea 218
- New Holland 305 Side Delivery

PLANTING & MISC.

- Hay Buster, SOLD Drill
- Brillion 5 Shank Chisel Plow
- IH 3 Bottom Plow
- John Dee SOLD Harrow
- 950 Roller Harrow
- York Rake
- John Deere 175 Loader
- John Deere 260 Loader
- Ford 772 Loader

SKID STEER LOADERS

- New Holland L-785
- New Holland L-781
- New Holland L-775
- New Holland 555
- New Holland 553
- John D SOLD 5



★ COLLECTOR'S SPECIAL: • JD 730 • JD Model L

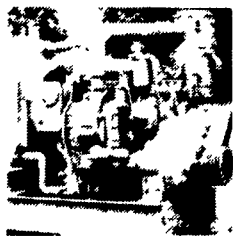
★ SPECIALTY ITEMS OF THE WEEK ★
• MF 383, 60 HP • Ford 2910, 36 HP, Less Than 40 Hrs.

ABC GROFF Since 1948 The Name You Can Trust
110 South Railroad Ave.
New Holland, PA 17557
(717) 354-4191
Monday-Friday 7:00-5:00
Saturday 7:00-Noon

Detroit Diesel Power Units

Sales & Service

Rebuilt & Used

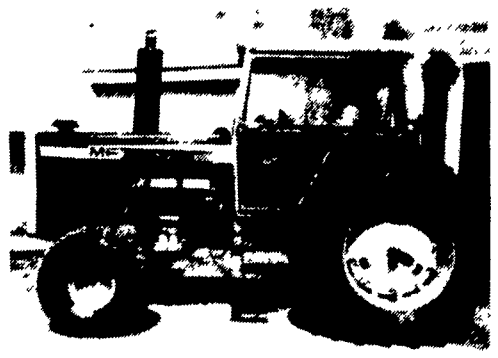


50-500 HP - 53-71-92-8.2 Series

- 8V92TA Silver, Used $3,500
- 6V92TA Used As Is $1,200
- 371 - 90 HP, Used $1,200
- 353 - 90 HP Core Eng. $1,200
- 471 - 125 HP Core Eng. $1,000
- 471 - 125 HP Rebuilt Powerunit $4,250
- 271 - 60 HP Powerunit $3,800
- 671 - Take Out Eng. $1,200
- 671 & 8V71 Rebuilt Exchange ..... Call

Diesel Engine Service
Ephrata, PA
Phone 717-733-3890
Fax 717-738-3146

SPECIAL OF THE WEEK



MF 2775, 8 Speed, 1,980 Hrs.,
20.8-38 Duals
$11,500

JD 2550, 4x4 w/hi & low	$15,000
JD 2520, diesel	$ 4,800
JD 1530 w/hi-low	$ 5,500
IH 1566, cab & air	$ 4,900
IH 1086, cab & air	$11,500
IH 1066	$ 6,500
IH 856	$ 5,500
IH 686	$ 8,250
MF 2775, cab, air & duals	$11,500
MF 1135, cab & air	$ 8,000
MF 1105, cab & air	$ 8,000
MF 1085	$ 6,500
MF 1085	$ 5,500
MF 294, 4x4 w/loader	$10,500
MF 285, new overhaul	$ 7,900
AC 8550, 4x4 w/duals	$15,500
AC 200 w/cab & air	$ 5,500
Oliver 880, diesel, 3 pt. hitch	$ 2,400
Deutz DX160, 4x4, cab & air	$14,500
Deutz DX110, 4x4 w/cab & air	$ 8,500
Deutz 6206 w/Loader	$ 6,500
Deutz 4507	$ 5,500
IH Hydro 70	$ 4,900
Minn. Moline G900	$ 3,500
MF 232 loader for compact	$ 1,500
MF 1017 backhoe for compact	$ 2,500
JD 450C loader backhoe	$14,000
Brady 16 & 18 hydraulic fold field cultivator	$ 1,200
IH 4X roll-over plow	$ 1,500
JD 4420 diesel combine, 1,486 hrs., 216 flex head & chopper, good cond.	$23,500
JD 443 corn head	$ 4,500
MF 43 corn head	$ 1,900
MF 20' flex head	$ 1,900
Ford 6 btm. on land hitch auto. reset plow	$ 2,500
JD 111 10' disc	$ 1,900
(3) gravity wagons	$800 to $ 1,800
Deutz Allis disc mower	$ 2,000
10', 12' & 14' cultipackers	$500 to $ 900
Dunham 34' rock flex wing disc	$ 3,800
Landoll 12' soil finisher	$ 3,500
Taylorway 7' soil saver	$ 3,900
MF 18.4x38 & 20.8x38 axle duals	$ .800
IH, JD & MF front end weights	$ 35

Available For Rent
5 or 7 tooth auto. reset subsoiler

Financing Available

L & M BURKHOLDER
Between Brownstown & Rothsville
Ephrata, PA
717-859-2960 . 717-859-2712
Shop 717-859-6616

(1) Yale - 4,000 Lb. Capacity, Electric Stand Up, 3 -Stage Mast w/Charger 1979 - $4,000

(1) Yale - 4,000 Lb. Capacity, Electric Stand Up, 3-Stage Mast w/Charger 1974 - $3,250

Chester Co., PA
(215) 269-6777

WISCONSIN HEAVY DUTY ENGINES

Wisc.-Robin Continental, Kohler, Briggs & Stratton, Tecumseh, Honda

Rockford and Twin Disc Clutch Parts and Assemblies

WISCONSIN REPLACEMENT ENGINES

New & Rebuilt Short Blocks

LINCOLN ELECTRIC® Welders, 150-225 Amps

USED WELDERS

Miller 200 Amp	$795
Hobart 200 Amp	$895
Miller 200 Amp "Blue Star"	$1,000
Lincoln 225 Amp "Weldan Power"	$1,400

★ HONDA SPECIALS ★

G100, 2.2 HP	$215
GX120, 4.4 HP	$264
GX160, 5.5 HP	$285
GX270, 9 HP	$459
GX390 13 HP	$532
Discontinued Models Limited Supply	
GX240, 8 HP	$430
GX240, 8 HP Elect.	$510
GX340, 11 HP	$505
GX340, 11 HP, Elect.	$575

Authorized Service Center
• Complete Rebuilding • Large Parts Inventory

FISHER ENGINE SERVICE
3141 Old Phila. Pike, Bird-In-Hand, PA 17505 (717) 768-3729

All Combines Sold—
Free Parts For One Season
If In Our Parts Lot.

Dismantling For Parts:

Combines, Cultivators, Discs, Drill, Harvesters, Haybines, Mowers, Pickers, Planters, Plows, Spreader, Tractors

IH: 915, 815, 715, 615, 315, 205, 203, 503, 403, 303, 93, 91, 141, 105, 101, 82, 80, 76, 74. JD: 7720, 7700, 6620, 6600, 4420, 4400, 3300, 105, 95, 55, 45, 40. MF: 760, 750, 510, 410, 300, 205, 35, 92, 82, 72, 90, 80, 70, 60, 27, 26. AC: Gleaner, F, L, M, K, G, E, C, C2, A, 60, 66. Oliver: 7600, 545, 535, 525, 430, 40, 35, 33. NI: Uni, 710 Combine, Huskers, 705, 702, 701, Combine shellers & harvesters. Case: 1160, 960, 700, 660, 600. NH: 1400, 975, 985, TR70. MM: 5297, 3496, MM Uni, White 8600, Field Boss, 7300, Massey 750D, Straw Spreaders & Choppers; JD 7720, Motors, transmissions, tires, corn & grain heads, grain savers, 1984 JD 6620 side hill w/heavy steering axle.

Parts For IH 1440, 1460 Rotarys | NI 802 w/Harvester | JD 6600 & 6620 Side Hills

Financing or Lease Available

COMBINES

New Arrivals:
JD 4400 dsl., rotary screen, real nice w/heads
8600 White dsl. hyd. w/15' flex & 6R 30" corn

JD 6620 hydro, diesel, level land
JD 4400 diesel w/heads
1979 JD 4400 diesel, choice of heads
JD 6600, diesel, hydro w/heads
JD 3300 diesel w/grain, choice of 3R 30" or 2R 38" corn
JD 55 sq back w/grain head & 30" 3R corn
(2) AC F-2 diesel w/heads
1976 AC F diesel w/4R corn & grain
1976 AC F D w/choice of heads, big rubber, nice
AC F diesel hydro, real nice
AC F diesel, new motor w/heads
AC F diesel, choice of heads
AC M gear diesel w/heads
MF 550 diesel hydro, gray cab w/ heads
MF 510 w/4R 30" & grain
(2) MF 510 diesel w/head
MF 510 diesel w/grain saver 4R 30" corn & grain, $3,875
MF 510 diesel, hydro w/heads
MF 510 diesel w/heads, real low hours, excellent
MF 410 dsl., hydro w/heads
MF 35 SP w/8' grain & 2R corn
MF 35 S/P w/8' grain head
(2) IH 80 pull type, PTO, bin
IH 93 w/10' head, nice
IH 203, 10' grain & 2R corn
IH 715, gas, w/heads
IH 715 hydro diesel w/heads
Late IH 715 w/German diesel & heads
IH 815 hydro diesel late low profile w/6 or 4 row & grain
IH 141 w/12' grain, 2 row corn, 1 owner, nice
IH 1460 axle-flow w/820 grain head & choice of 4 or 6R corn
IH 1460 axle flow w/6R 30" corn & 820 flex
IH 715 hydro diesel w/grain & corn
IH 715 hydro diesel w/late heads
NH TR70 Ford diesel, choice of heads
Late model NH TR85 hydro cat diesel under 1000 hrs, 28x26 rubber
1- w/16'flex grain head
6R 30" CH or 4R 38" CH
NH TR70 cat diesel gear w/ heads

TRACTORS

DC Case w/Case loader
Case 700 D 3 pt.
Case SC w/loader, nice
Ford 4500 ind diesel w/ldr. & cab
Ford 4000 ind gas w/loader
Ford 800 gas w/3PT & loader
(2) 1953 Ford NAA
IH 4366 new motor, 3PT, 4WD, duals front & back
Int 3414 ind. diesel w/loader PTO, 3PT
IH 450 G P/S, fast hitch, nice
JD 4020 diesel, power shift, $5850
(2) JD A late models
AC D19 diesel WF 3PT
AC WD, gas
AC C w/side mtd. mower
AC HD5 diesel crawler loader
AC C w/cultivator
Farmall Super A w/side mt. sickle bar mower
Farmall 560, diesel, good shape
Farmall Super MTA
1939 Farmall H, $1175
Farmall Super C
Farmall Super MTA
Oliver 770 gas, WF
Oliver Super 88 WF
Oliver 88 gas
Oliver Super 66
Oliver 66 gas, nice
Oliver 1655 diesel, WF, $4,500
Oliver crawler w/roll guard
IH 504, power steering, 3PT
C Allis w/belly mower
Ferguson 30, 3PT, $1,950

CORN PLANTERS & DRILLS

JD 8300
JD FBB
IH 10
IH 510
IH 21 D-disc w/press wheels

SPREADERS

NI 3800 series, auger side throw, 1600 gal., tandem axle, real nice, $4500
NH 363 rt. hand tank, excellent shape

CULTIVATORS

HAYBINES & RAKES

JD 640 w/dolly wheels
JD 1209 9'
NH 1495, gas, cab, 12' self-propelled
NH 474 7'
IH 225 gas, SP w/cab
(2) IH 990 9'
Hesston 1010 10' hydro swing
Bale wagons w/steel racks, $1250 each
NH 495 12' 1600 & 3200

GOOD RUNNING MOTORS

Tractors: JD 4440, 4240, 4320, 4020, 4010, 2840, 2510, 2010, 1010. IH: 1066, 966, 856, 806, 756, 706, 560, 460, 400, 450, 584, 574, 664, 544, 504, 340, 300, C, H, M. AC: D17, D19, WD, WC, XT 190, 210, 220, CA, C. Case: 530, 300. Ford: 8N, NAA, 800, 871, 3000, 4000, 5000.
Combines: JD: 7720, 7700, 6620, 6600, 4420, 4400, 3300. IH: 1460, 1440, 915, 815, 715, 615, 315, 205, 203 AC: L, M2, F, C2, G, E. MF: 760, 750, 510, 410, 300.

(2) IH 6 cyl. gas w/clutch
Chrysler Ind. 8 cyl. w/clutch
6 cyl. Hercules w/clutch

NEW 3 PT. EQUIPMENT

Post Hole Diggers
Snow, Dirt, Manure Blades
Stone Rakes
Rotary Cutters
Box Blades
Discs
Bale Movers
Hay Tedders
Finishing Mowers
Potato Plows
New Trailers, all sizes
Fert. Spreaders
Cement Mixers

AC hydrostatic lister diesel skid loader for parts

LOADERS

AC fits D19
AC fits D17
Ford ind off Ford 3400, $975
(3) Fords w/hyd. bucket
Snow blades for loader or front mounted
IH fits Super M
IH 2000 series hydraulic bucket, dirt & fork off of IH 806, $1500
JD 46 loader
JD 45 for 2 cyl. tractor, real nice
JD 146 off JD 3020, $1600
NI w/wide bucket

BALERS

NH 852 round baler auto wrap
NH 273 w/thrower
NH Super 68 w/chute, $500
JD 410 round baler 4' bales, nice
IH 2400 round bale, nice, $3500
IH 45, nice, $200
Hesston 5600 round baler, $3000

MISC.

MF S disk drill
Killbros 350 gravity box
(3) IH semi & trailer belt drive
IH fast hitch mower
JD elevator w/drag elevator
(2) 24' elevators
(2) JD 350 3PT mower
New Case backhoe loader bucket
1H & JD mowers
Heavy duty gravity wagon
NI PTO elevator
20' grain or feed elevator, $250
PTO 40' auger elevator, $700

GRINDER/MIXER

Gehl 95, real nice
NH 352 grinder mixer, nice
IH 1150 grinder mixer, $2275

MOWERS/ ROTARY MOWERS

AC trailer type belt drive
(2) JD 6' pull type
3 pt. 6, 7 & 8'
Also pull types.
Rotary mower
Ford 7' 3PT
IH 14' flail stalk cutter
IH 3PT belt drive
NEW 11' rotary mowers HD up to 125 HP

CORN PICKERS

NI 325 2R 30"
Late NI 323
(3) NI 323 1R
(2) NI 10 1R
(4) NI 324 2R, 38"
(2) NI 325 2R, 30"
NI 325 2R 30" w/12 roll bed
NI 319 2R mt.
Farmall 460 gas w/IH mt.
JD 300 w/choice of 2R 30" or 2R 38" or 3R 30" heads

HARVESTERS & UNLOADING WAGONS

Badger 3 beater tandem & roof
Hesston self-propelled chopper attach. for AC Snapper head
Gehl 6' flail chopper
NH 890 w/2R 30" & pickup
NH 770 w/2R head
JD 38 w/pickup & 2 row
JD 35 w/2R head & pickup
JD 216 tandem wheel unloading wagon
(3) JD 18A 6' flail chopper
JD 38, 2R, & pickup, $1,500
JD direct cut for 38 - 3800 - 35
JD 2R for 38 - 3800 - 35
IH direct cut for 50 - 555 - 550 - 650
NI 767 harv. w/PU & 3R 30" or 38" corn off of 709 or 802
NI 768 WN 3R 30"-38" head
Coby 3 beater unloading wagon w/roof
Badger tandem, 3 beater w/roof
Badger 3 beater, roof unloading wagon
AC unloading wagon, no roof

EXTRA CORN HEADS & GRAIN HEADS

WIDE FRONT ENDS & DUAL WHEELS

WF Ends: IH: 460, 560, 706, 806, 856, 756, 1256. AC: D19. Ford: 5000, 6000. MM: G1000. Oliver: 66, 77, 88, 1800.

PLOWS

50 reests & trips 2-6 bottoms

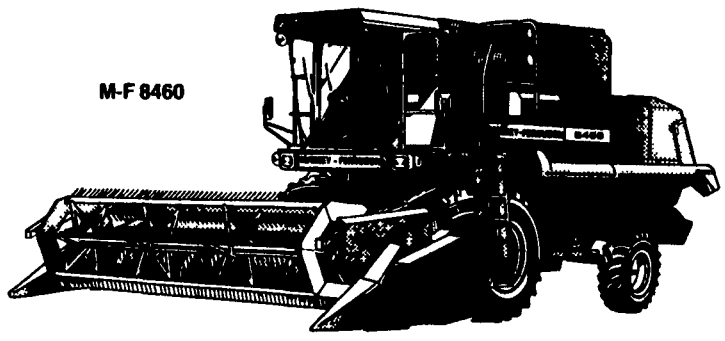
30 DISC HARROWS

IH: TD5 Crawler, 3414, 1256, 1066, 966, 856, 666 Hydro, 806, 706, 704, 674, 664, 660, 656, 574, 560, T, 544 Hydro, 544 Gear, 504, 404, 460, 450, 444, B 414, 400, 350, 340, 300, B275, 240, 230, 200, MTA, M, H, C, BN, A, Cub, 154 Cub, F30, F20, F14, F12. JD. M, 4020 dsl., 4010, 3020 dsl., 3010, 2020 dsl., 2010, 720, 430, 420, 70, 60, 50, A, B. AC: 5050, 190XT, 180, D14, D15, D17, D19, WD, WC, CA, C, B. MF: 1155, 90, 85, 444, 333, 175, 65, 44, 33, 30, 20. Case: 600, 530, 310, 300, DC, SC, VC, VAC. Ford: 6000, 5000, 4500, 4100, 4000D, 3400 ind., 960, 861, 860, 800, 800, 641, 600, 8N, 9N. Ford major, 5000 Oliver: OC3 Crawler, OC6, 1800, 1600, 880, 770, 88, 77, 70, 66, 60, 55. MM U, MM 5 Star, MM Jet Star 3, MM 335, MMG 1000, R, Z, E3 Coop, David Brown 990 New Field & 345 Leyland, gas track crane w/boom for parts.

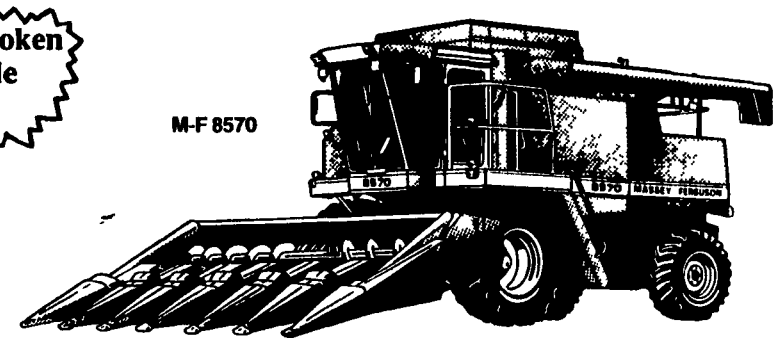
KEITER'S FARM MACHINERY
Halifax, PA 17032 Rt. 225; 20 mi. north of Hbg.
Mon.-Fri. 8-5 • Sat 8-12
Call before you come. **PHONE: 717-362-9574** • No Sunday Calls.
POSITIVELY NO OUT OF STATE PERSONAL CHECKS

M.M. WEAVER & SONS, INC.

MF TRACTOR & COMBINE HEADQUARTERS



We Repair Broken Grain Table Augers!



CONVENTIONAL COMBINES

OR

IN STOCK NOW!

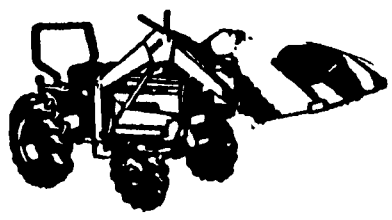
ROTARY COMBINES

22 COMPACT DIESEL TRACTOR

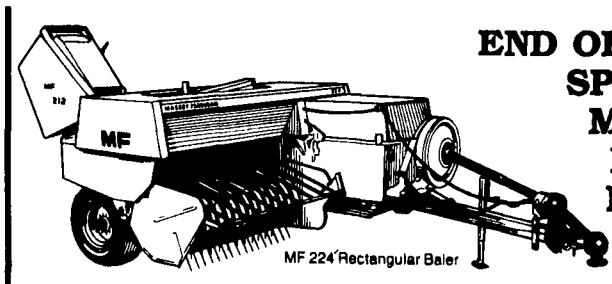
BACK FROM LEASES

Like New Tractors

Used Tractor Prices

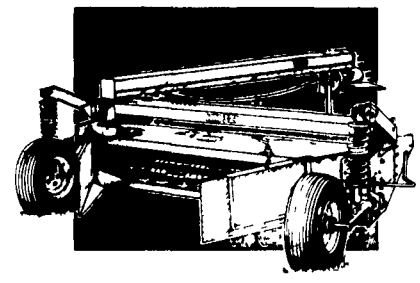


1030 - 2WD, 26 HP, Ag Tire	$6,700
1030 - 4WD, 26 HP, Ag Tire	$8,000
1035 - 2WD, 31 HP, Ag Tires	$7,600
1035 - 4WD, 31 HP, Ag Tires	$8,900
1045 - 2WD, 35 HP Ag Tires	$8,650

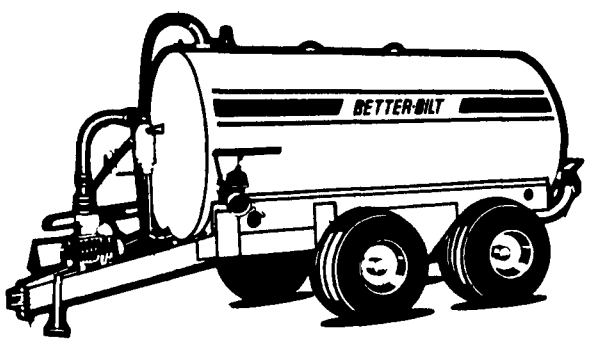


END OF THE SEASON SPECIAL ON MF 224 & MF 228 BALERS

CLOSE-OUT SPECIALS ON DISC MOWER CONDITIONERS, ONLY 5 LEFT NOW!



THE NAME SAYS IT ... ... it's BETTER BUILT!



It's easy to see what it takes to carry the "BETTER-BILT" logo. Stronger materials... better craftsmanship.. greater precision... more efficient design.. All-American construction

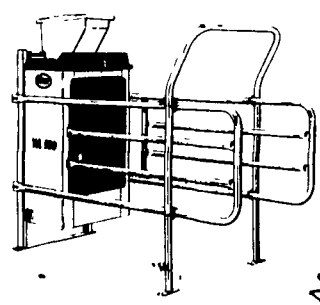
For design to finish paint, the BETTER-BILT tank has more to offer . yet it costs no more than an ordinary tank

When you shop for a tank, **compare.** Look at the differences. Pick the one that's **better built!**

For efficient effective economical removal and application of liquid manure the Better Bilt vacuum tank with capacities to 4500 gal

BETTER-BILT

Corn Crib 16' Diameter, Galvanized Roof, $400 You Tear Down!



VA 500 COMPUTER DAIRY FEEDER!

Cows ration is fed automatically according to her individual lactation curve

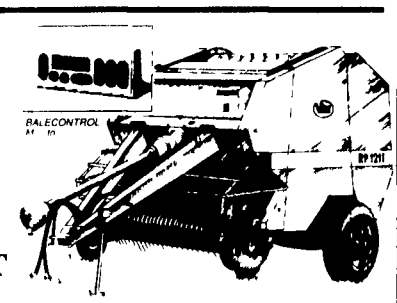
25 Cow System	$1900.00
50 Cow System	$2,900.00

+ Installation

50 Units In Stock

Vicon

Build more bales faster and easier in a day with new automated features on Vicon's RD 1211E round baler



Cash Rebates On ALL LEFTOVER VICON EQUIPMENT

USED COMBINES

1984 MF 860 w/9115 Floating Cutterbar and MF 1163 Corn Head	$29,000
1984 MF 860 w/MF 9120 Floating Grain Table	$24,500
1982 MF 860 w/9115 Floating Cutter Bar and MF 1163 Cornhead	$27,000
1981 MF 860 w/4WD	$22,000
1977 MF 760	$12,000
MF 540 Combine w/3 Row 30" Corn Head	
MF 540 4 Row 30" Corn Head and 13' Floating Grain Head w/Only 800 Hrs.	
MF 850 Combine w/6R Corn Head	
NI 2R 30" Pull Type Sheller	

ROTARY CUTTERS, BLADES & LOADERS

Woods RM600 Rotary Cutter	$1,550
Brady 840 Stalk Chopper, 84"	$3,200
MF 220 5' Rotary Cutter	$1,050
York 75 HP Rated 8' 3 pt. Blade	$1,075
York 100 HP Rated 8' 3 pt. Blade	$1,275
Dunham 22 Front End Loader	$3,350
Dunham 30 Front End Loader	$2,800
Myers Front Mtd. Snow Blade	$1,400
Woods 306 Mid Mount Mower For A 1700 Ford Tractor	

USED TRACTORS

IH 806 w/Cab, 92 HP	$6,900
MF 285 82 HP, DS	$8,500
Oliver 1550 53 HP DS, Restored	$4,500
MF 1644 Skid Steer Loader, Demo Model	
MF 30 w/Ind. Loader	$3,900
MF 40 w/Ind. Loader	$3,900
MF 4840, 4 WD, 210 HP	$26,000
Farmall 460 Gas	$2,500
Wheel Horse Lawn Tractor — Oliver 70	
Oliver 77 — Oliver 55 Dsl.	
Ford 3000 Gas, new paint	$3,100
MF 275 8 spd., new tires 1900 hrs., sharp!	$9,500
IH 664	$4,900
Farmall 656	

HAY EQUIPMENT

J Bar 3 pt. 4 Wheel Rake	$475
MF Forage Blower	$1,900
Vicon KM 281 Discbine	$5,500
NI 7' Mower	$800
NH 451 Sickle Mower	$1,500
Vicon CM216 Disc Mower, 1 Yr.	$2,900
NH 411 Discbine	$3,900
NH 411 Discbine	$4,500

PLOWS & TILLAGE

MF 880 4x16 Plow	$1,500
MF 115 Coulter Chisel Plow	$5,200
Yetter 15' Rotary Hoe (Demo)..	$2,400

MISC. EQUIPMENT

Danuser 3 pt. Post Driver	$1,200
Shaver 3 pt. Hyd. Post Driver	$1,700
E Z Trail 8 Ton Running Gear..	$1,150
Tye No Till Grain Drill.	$10,500
New 14' Belt Elevator	$1,175
Holland Plastic Mulcher	$1,500
Schwartz Feeder Wagon	$750
Oswald-Butler 2840 TMR Mixer Wagon	$1,500
NI 321 Spreader	$600
Gehl 533 3300 Gal. Slurry Spreader Like New	$6,900
5KW Engine Generator Set	$500
Betterbilt 2100 Gal. Vac. Tank Spreader	$4,500
SFM 1100 Gal. Slinger Manure Spreader	$4,900
SFM 1700 Gal. Slinger Manure Spreader	$6,900

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Leola, PA 17540 Phone: (717) 656-2321

Located 4 miles West of New Holland on Rt 23, 1½ miles Northeast of Leola on the No Groffdale Rd 1 mile on the right opposite Groffdale Mennonite Church

1 FARM EQUIPMENT

STOUFFER BROS. INC.

1066 Lincoln Way West, Chambersburg, Pa
Phone 717-263-8424

TRACTORS

Kubota L2550, 4WD, Excellent Condition
Kubota M8950, Excellent Condition
Kubota B6200, 4WD, Hydrostatic
David Brown 1212
Case 1490

SKID LOADERS & UTILITY

Case 580 Loader/Backhoe
Case 580B Loader/Backhoe
Case 580D, ROPS w/Extendahoe
Case 580C Loader/Backhoe w/ROPS
Case 580C, Cab & Standard Hoe (1 In Stock)
Case 580K, 4WD, Loader/Backhoe
Case 1530 Uniloader
Case 1740 Uniloader
Case 1845 Uniloader
Gehl 2500 Skid Loader
Gehl 4610 Skid Loader
Case 480E Loader/Backhoe w/14' Hoe
NH 455 Skid Loader, Coming In
Cat D-3 Dozer
Tagalong 8½ -Ton Trailer

MISCELLANEOUS

Hawk Blit 2195 Spreader
JD 10 Ft. Disk Harrow

Limited Supply...
Notched Front NF 24"x5/16 Disk Blades For Miller!

MOWER CONDITIONERS

Hesston 1010
Hesston 1090
Hesston 1091
Hesston 1095- Ex. Cond.
(2) Case 555 Mower Conditioners
Case 650 Self Propelled
IH 1190 Mower Conditioner
NH 1495 Self Propelled
Gehl 880
JD 830 Self Propelled

PLANTERS

White 5100 Air Planter, 6-Row Granular
White 5400 4-Row Planter

FORAGE

Assortment of Gehl 99 Forage Blowers
NH 27 Blower

LAWN & GARDEN

Sears Custom 7 w/Mower & Blade
Case 220 Garden Tractor w/Mower & Snow Blade
Woods RM48 Mower
Gravely 812 w/Mower And Cultivators
Kubota F2100 w/5 Ft. Mower & Dump Grass Catcher
Satoh S650 G w/Turf Tires
MTD 18-42
Bush Hog 5 Ft. Flail Mower

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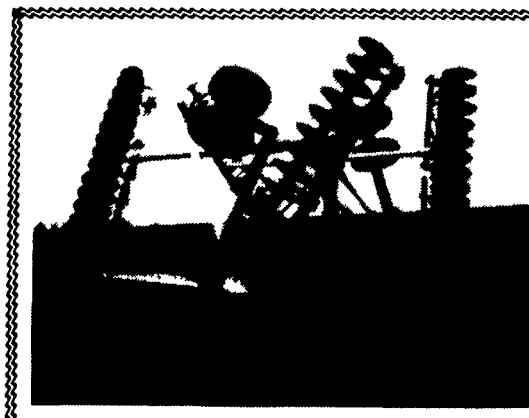
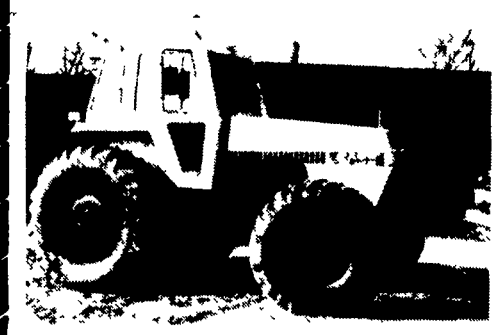
★ CASE UTILITY ★ GEHL ★ VICON ★ WFE
★ KUBOTA ★ HESSTON ★ SAME

AC 8550, 1956 Hrs., 20.8-38 Duals, Quik Hitch, PTO, 3 Hyd. Outlets, Good Cond.
$15,500.00
L & M BURKHOLDER
717-859-2960 717-859-2712
Shop 717-859-6616



DUNHAM 34' ROCK FLEX DISC Good Cond.
$3,800
L & M BURKHOLDER
717-859-2960 717-859-2712
Shop 717-859-6616



Case 2290 4x4
$11,500
301-833-9091

KELLER'S FARM MACHINERY

116 Richlandtown Pike
Quakertown, PA 18951
215/536-4046

USED TRACTORS

Ford 445A Indust. w/Loader, 4WD, 3 Pt. And 4 Post ROPS
Ford 2910 Series II, Hyd. Outlet, 650 Hrs.
Ford 1510, SS Trans., Turf Tires, 200 Hrs.
Ford 901 Dsl., SOS, Reconditioned & Painted
Ford 601 Gas, PS, w/Loader, Reconditioned & Painted
Ford 8N w/Snow Plow
JD 2020 Dsl., PS, Hyd. Outlet
JD 850, 500 Hrs., 2WD, Ag Tires
IH 300 Utility Gas w/Fast Hitch
AC G w/Cultivator

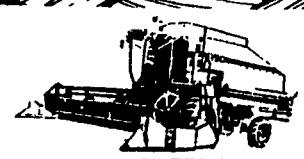
USED EQUIPMENT

NH 357 Grinder Mixer w/Long Auger
NH 352 Grinder Mixer w/Corn Sheller
Shaver 3 Pt. Post Driver
Kelly 3PT Backhoe, #30 (New)

DEUTZ ALLIS

C.J. WONSIDLER BROS.

DEUTZ ALLIS



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Quakertown, PA

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BRANCH

Lobachsville, Oley, PA
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Mon.-Fri. 7:30 AM-5:00 PM
Sat. 7:30 AM-12:30 PM

TRACTORS

DA 6240 D w/Loader, Like New
AC 6060 D, w/Ldr., Excellent
AC 7060 D w/Cab, Air And Heat
AC 185 D, Low Hours
AC 160 D, Excellent
AC WD45
AC WD
Ford 8N
Ford 800 w/Front-End Loader And Backhoe
MF 1150D w/Cab
JD 3010 D
JD 60
White 105 D, Excellent
Oliver 1850D
Oliver 1600D
Oliver 550
Case IH 574D
Case 500
Case 70 Front-End Loader w/8' Bucket, Like New!
Bobcat 743 Skid Steer Loader
Case 1835 C Skid Loader, Like New, Low Hours

COMBINES

(1978) AC Gleaner M2 D w/Cab Air, 15' Grain & 630 Corn Heads
AC Gleaner FKS D w/Cab, 13' Grain & 438 Corn Heads
AC Gleaner K w/10' Grain & 238 Corn Head
AC Gleaner E w/Cab, 10' Grain And 238 Corn Heads
JD 6600 D w/Cab & Air, 13' Grain & 630 Corn Heads
JD 4400 D Combine w/13' Grain And 438 Corn Head
IH 815 w/Cab, Air, Heat, M810 15' Grain Head, M863 Corn Head
NH 975 Gas w/Cab & Both Heads
NI 2R Pull Type Husker w/325 Husking Bed & 329 Sheller, Excellent!
NI 323 1-Row Picker, Excellent!
NI 324 2-Row Picker
AC 630 Corn Head For N Or R Series Combines

TILLAGE

AC 2000 6-Bottom Plow, On Land
JD 5B Spring Trip Plow
(2) MF 4B 3 Pt. Plow
JD 1000 12' Disc w/Trans. Harrow
JD 17 Disc Grain Drill
AC 600 Air Champ Planter 6-30" Rows
AC 600 Planters, 4-30" & 4-38" Rows

MANURE SPREADERS

NH 791 370 BU, Good
NH 675 w/Endgate, 300 BU.
NH 518, 220 BU.
NI 214, Liq. Pan, 210 BU., A-1!

MISC.

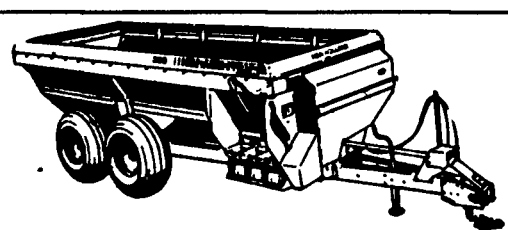
(2) Weaverline 330 Silage Cart
NH 352 Grinder/Mixer, Excel!
NH 357 Grinder/Mixer, Excel!
NH 358 Grinder/Mixer w/Scales, Low Hrs.
Gehl Grinder/Mixer
Grain Chief 400 Bu. Dryer, PTO Drive

HAY TOOLS

JD 1209 Haybine
(2) NH 489 Haybine
(2) HESSTON 1014 Hay Conditioner
JD 346 Wire Baler
IH 2400 Round Baler
NH 276 Baler w/Kicker
NH 310 Baler w/Kicker
NH 273 Baler w/Kicker
NH 275 Baler w/Kicker
NH 320 Baler w/Wire Tie
(2) Grimm Ground Driven Tedder
Vicon 165, 5½ ' Disk Mower, EXCEL!

FORAGE HARVESTERS

NH 1880 Hydrostatic Drive w/P.U. And 2 Row Corn Head
NI 767 Self-Propelled w/702 Power Unit And 238 Corn Head
NH 28 Forage Blower
Gehl 660 Forage Blower
AC 63 Forage Blower
NH 717 Harvester w/Pickup And Cornheads
JD 35 Harvester w/Pickup And Cornheads
770 1 Row Snapper Head For NH Choppers



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On 90 B.U. To 400 B.U.

(New) New Holland And New Idea Manure Spreaders

"Save Hundreds Of Dollars!"

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FORD
NEW HOLLAND

Larry L. Adair

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55 Gal. Drum Delivered Free 50 Mi. Radius From York, PA

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24' Feeder On Whls.

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case IH PARTS VALUE OF THE MONTH

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SERVICE SPECIAL DATES

Dec. 15 Thru March 15

Get Your Case/IH Tractors and Equipment Into Top Shape For The Busy Season Ahead And Save At Off-Season Prices!!

ERB & HENRY EQUIP., INC.

New Berlinville, PA

One Mile North of Boyertown

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NEW EQUIPMENT IN STOCK

Case IH 1825 Diesel Uniloader - 3 left at Special Price - Company Rebate Available!

Case IH 2200 and 2250 Loaders

Case 530 Spreader

Case IH 415 Packer Mulcher, 10'1" Demo

Case IH 8360 12' Hydroswing

Case IH 5100 20x6 Plain Drill - Old Price!

CLEARANCE! Must Sell... Call For Prices

CALL FOR DETAILS & PRICES ON THE NEW EQUIPMENT YOU NEED!

Case IH 8520 and 8545 Twine Balers w/Throwers

Case IH 8420 and 8430 Round Balers

Case IH 8830 12' Self Prop. Mower Conditioner

Case IH 495, 395, 595 and 695 Tractors - 2WD and 4WD - call for details!

Case IH 245 Tractors - 2WD Leftovers At Old Price!

MAGNUM TRACTORS... 7120 & 7140 - 2WD & 4WD - Call!

MAXXUM TRACTORS... 5120's, 5130, 5140's - call for details!

Case IH Uniloaders - 1845C, 1825 Diesel - call now!

NEW CASE IH 1840 UNI-LOADER w/SPECIAL COMPANY REBATE!

PLOWS... Case IH 145 Rollover, 720 6-Bot., 730 5-Bot!

NEW CASE IH 7500 5-BOT. VARI-WIDTH PLOW - IN FURROW!

Case IH 475 and 496 Disk Harrows... Various Sizes In Stock!

Case IH 415 Packer Mulcher

Case IH 181 Min. Till Rotary Hoe

Case IH 600 Blower - OLD PRICE!

Case IH 900 6-Row Planter, Liq. or Dry

Case IH 8340 Mower Conditioner, 9 ft.

Case IH 530 & 540 Spreader

Case IH 2255 Loaders

Case IH 1043 4-Row Cornhead

Case IH 1020 Platform, 15 and 16½

Cash Discounts or 5.9% Interest on Most Equipment

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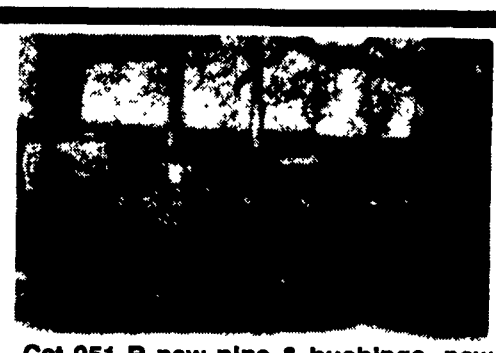
1 FARM EQUIPMENT

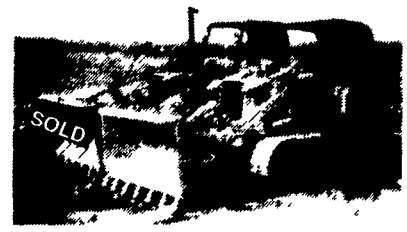


Cat 951 B new pins & bushings, new roller shells $11,500

Case 580B Extendahoe $8,700

JD 350 4 in 1 Bucket, Good Condition

$7,800



(2) JD 555 Good Condition

$12,500 & $13,000

Cat 951 B new pins & bushings, new roller shells $11,500

JD 450 Crawler loader, $8,000

1980 JD 555 rebuilt trans $13,000

JD 350 Crawler Loader 4 in 1 Bucket, $7,800

Case 1845 Skid Loader, Good Condition, $7,000

Case 580B extend-a-hoe, nice original machine $8,700

MF 404 wheel loader, $2,200

Ripper For JD 450 Or 555 Crawler Loader, $1,000

Case 580B $7,200

Cab For JD 450 B Or C, $250

J & F Equipment

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No Reasonable Offer Refused

Customs Repairs On All Makes Industrial & Farm Equipment

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TRACTORS:

Farmall Cub w/3-Gang Montgomery Reel Mower

IH Farmall "C" w/Cultivator - $750!

IH 84 Hydro w/2250 Loader, 58 HP, Like New!

IH 84 Hydro w/84 Woods Rotary Mower, 112 Hrs., Like New - $16,500!

IH 384 38 Hp., Diesel Utility w/72" Woods Under-Mount Mower, Like New

IH 460 Diesel Tricycle - Nice Shape!

IH 574 Diesel w/2050 Loader

IH 674 Diesel

IH 884 2WD w/2250 Loader

Int. 300 Fast Hitch Utility

Ford 4000

(2) Ford 2110 Gas Low Boys w/Big Turf Tires

MF 20C, 45 Hp. Diesel, Shuttle Shift, Turf Tires, Nice Shape!

Case 400 Gas, Tricycle

JD 90 Skid Loader

Bolens 292, 30 HP Diesel, 2WD, Like New

Kubota B7200 w/5 Ft. Mower, 2WD

COMBINES:

IH 227 CH, fits 315, 205 or 203

MF 1144 4-Row Wide CH, Ex. Cond.

744 Wide Cornhead for 715, Ex. Cond.

MF 510 Diesel, AC Cab, Transm. Rebuilt, Real Nice Cond.

IH 810 15' Grain Head w/Hart Carter Floating Cutter Bar

COMBINES & EQUIP. FOR PARTS:

(2) IH 315's

IH 403 Gear, 4R W Hd. & 12 Ft. Plat.

IH 227 Cornhead

IH 700 13' Platform

IH 430 Baler

TILLAGE:

IH 37 Disk Harrow

IH 350 Disk Harrow, 28 Disks, 7¼ Spacing

White 598 4/5-Bottom Vari-Width Plow, Auto Reset (Case IH Bottoms)

HAY & FORAGE:

NH 469, 9 Ft. Mower Conditioner

NH 479, 9 Ft. Mower Conditioner

NH 315 Baler w/No. 58 Thrower

Case IH 990, 9 Ft. Mower Conditioner

JD LR24 Rake

JD 716 Forage Wagon, No Roof, w/JD Running Gear, Tandem Axle

Badger Forage Box w/Tandem Axle

IH 51 Forage Box- Nice Shape!

PLANTERS:

AC 600 6-Row Narrow Air Planter, No Til, Ex. Cond.

IH 510 21x7 Plain Grain Drill w/Press Wheels - Needs Work, $2,200

OUTDOOR POWER EQUIP.-

Good Selection Of Used Lawn & Garden Tractors— All Makes And Models

Cub Cadet 1912 19 HP w/60" Deck, Like New

1987 Cub Cadet, Model 1872 18HP, w/50" Deck

Cub Cadet 1862, 18HP, PS, 46" Deck, Like New!

Cub Cadet 682, 17 HP w/44" Deck

Toro 7 Gang Pull-Type Golf Course Mower

(1) National 3-Gang Triplex, 1987 Model, 68" Cut- Was $2,000 - Now $1,800

MISCELLANEOUS:

John Blue 400 Gal. SS Pull-Type Sprayer

John Blue Model 700 500-Gal. Sprayer - New!!

Ag Chem Model 502 Trailing Sprayer, 500 Gal. SOLD Nice!

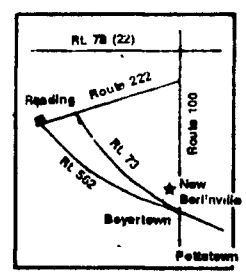
NH 302 Liquid, Side Discharge Spreader, Single Axle, Nice Shape

FMC DO-25 300 Gal. w/Gun & Hose Reel, Trailing Model, 2 Cyl. Kohler Engine, Like New

LPL 200 Automatic Roller Mill, 3 Hp. Motor, Vert. Auger - Like New - $2,400 Now $1,900!

Work Saver Front 3 Pt. Hitch Package For Case IH 685 Tractor- $1,800

We Ship UPS Daily!



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Ford FORD NEW HOLLAND

FORD TRACTORS

New 5610, 62 HP

New 7710 w/Cab, 86 HP

Used 6610

Used 640

(2) Used 8N

NEW HOLLAND

New 488 Haybine

New 308 Manure Spreader

New 520 Manure Spreader

New 40 Forage Blower

New 716 Forage Box

New 853 Round Baler

Used Super 69 Baler

Used 272 Baler w/SS

Used 273 Baler w/SS

Used 315 Baler w/ Thrower

Used 477 Haybine

OTHER TRACTORS

New Bolens H152 Dsl.

New Bolens H174 Dsl.

Used Case 611 B Tractor

OTHER EQUIPMENT

New Kuhn FC300 Disk Mower Conditioner

New Ford 133 High Clearance Chisel Plow

New Ford 101 Moldboard Plow 3B x 14"

New Ford 150 Mtd Moldboard Plow 3 B-16"

New Ford 151, 4B x 16" Auto Reset Plow

New Ford 151, 4B x 18" Auto Reset Plow

New Glencoe Soil Saver 5 Shank

Used 12' Lift Type Spring Tooth Harrow

Used Kuhn Pull Type Tedder

Used Woods RM 59 Finish Mower

Used NI 212 Manure Spreader

Used Brillion 14' Transport Harrow

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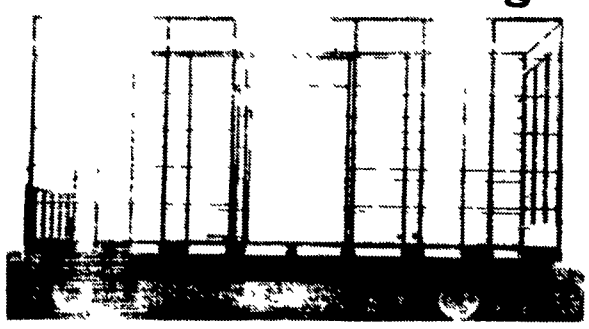
Since 1937

WELI BUILT Rack Wagons



8' wide; 8' high; 18' long
Discounted Price

1" Pipe **32¢/Ft.**
¾" Pipe **20¢/Ft.**

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USED TRACTORS

JD 4455, cab & air, power shift, MFWD
JD 4840, cab & air w/duals
JD 4630, cab & air
JD 4440, cab, air, power shift
JD 4440, quad range, cab & air
JD 4230, cab & air, quad range
JD 4230 fender, quad range
JD 4430, cab & air, sharp
JD 4430
JD 4320
JD 4040, cab & air, quad range
JD 4030, 4 post
JD 4020 diesel
JD 4010 diesel
JD 2840
JD 2640, 1982
JD 2555, cab & air
JD 2355, like new
JD 2240 w/cab
JD 2240 w/loader
JD 3020 diesel
JD 1450 w/950 hrs.
JD 850 w/mower
IH 5088, cab & air
IH 3688 w/cab & air
IH 1486, cab & air
IH 1086 w/cab & air
IH 1066 w/cab
IH 986, cab & air
IH 966
IH 826 diesel, 3,500 hrs.
IH 806 diesel
IH 706 German diesel
IH 584, 4WD w/loader
IH 574 diesel
IH 684
IH 886, 4 post
IH 350 utility, 3,500 hrs.
Ford 2000
Ford 5000, diesel
Ford 6600, gas
MF 2745, cab & air, 1,400 hrs.
MF 690, cab & air, MFWD
AC 5040, diesel
AC 185, diesel

New Ford 5610

INDUSTRIAL

NH 779 skid steer
Gehl 4510 skid steer
JD 310 TLB w/cab, excellent
Ford 455 loader w/3 pt. hitch & PTO
Ford 3400 loader
Case W14 articulating loader

NEW Case 1845C skid steer loader

USED PLOWS

White 6 btm. 16" spring reset plow
IH consertill 10'
JD 3 btm. roll over plow
JD 4 btm. roll over plow
JD 7 btm. on land hitch
JD 8 btm. 2800 varied width on land hitch plow
IH 710 8 btm. 18" spring reset, on land hitch
IH 710 7 btm. on land hitch
IH 720 4 btm. toggle trip
JD 2500 5 btm. 18" spring reset
JD 2500 6 btm. auto reset

USED COMBINES

244 JD corn heads
444 JD corn heads
443 corn heads
JD 215 flex head
JD 4400 diesel, 2,200 hrs., excellent

HAY EQUIPMENT

NH 478 haybine
NH 489 haybine, like new
JD 346 wire baler
JD 337 baler w/thrower, like new
NH 315 w/kicker, like new

MISCELLANEOUS

Fox Super D harvester
NI 2 row wide, 12 roll bed
JD 3RW harvester head, like new
IH 5100 grain drill
IH 22' flex head, like new
Kewanee hyd. fold 20' roller harrow, like new
'93 F350 Ford diesel roll-back w/Jerrdan body
18.4x38 Hub duals for Case IH 2096
IH 2350 quick-tach loader
Taylorway 25' disc
JD 110 disc
JD 115 disc
JD 310 disc
Kewanee 12' mulcher
JD 12' mulcher

NEW NI 3626 spreader w/ tailgate

D & R EQUIPMENT INC.

Rt. 579, Ringoes, New Jersey

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Lease Financing Available

USED TRACTORS

Ford TW5, Series II, Cab & Air, Dual power, dual remotes, deluxe hyd. system, 1300 hrs., excellent
Ford 7700 2WD, no cab, w/dual power, 38" tires, good condition
Ford 7610 Dsl. factory cab w/heat, dual power, dual PTO, 38" tires and weights, very nice
Ford 6600 Dsl. w/dual power, 38" tires, front weights, extra nice, clean tractor
Ford 6600 w/factory cab, dual power, dual remotes, Ford 772 QT loader, 2500 hrs., very nice
Ford 2000 Gas, 4 spd, extra nice, clean, little tractor
Ford 801 Dsl., 5 spd., live PTO, PS, weights, remotes, very nice condition
Ford 601 Gas, 4 spd., w/Ford 705 front dozer blade
Ford 9N w/weights, front snow plow, excellent
Ford 9N w/step-up transmission, fresh overhaul, new tires and paint, excellent
JD 4620 w/factory cab, power shift, 2 remotes, 20x38 radials, excellent
JD 4520 w/year-round cab, air, 3400 hrs., 2 remotes, very nice
JD 4320, Factory Cab, w/air, dual remotes, 3800 hrs., excellent condition
JD 2950, 4WD, cab, air, fully equipped, 2500 hrs., excellent
JD 830 2 cyl. dsl., direct electric start, PS, PTO, remote, all original, very nice
White 2-135, 4WD, 1981 Model, Cab, Air, 2500 Hrs., front weights, 20x38 tires, excellent condition
Case 730 Dsl., WF, 3PT, dual remotes and weights, totally original, excellent condition
AC D17, w/PS and AC trip bucket loader
IH 1594, 4WD dsl. w/ROPS, 1985 model w/1200 hrs., very nice
IH 1066 factory cab w/air, dual remotes, nice clean original tractor

USED PLANTERS AND DRILLS

JD 8350, 18 Single Disc, Seed, Grass Seed, Fert., Extra Nice
JD 7000 4R conservation, insect. boxes and monitor, excel. condition
Brillion 12' seeder, late model w/hyd. transport, excellent
IH #10 16 DD Grain drill, w/ fert. & seed, excellent

USED PLOWS AND CHISELS

Case 6x18 auto reset w/coulters and gauge wheel excel. (White 588)
White 598 5x auto reset variable width w/coulters, very good cond.
Oliver 548 5x16 auto reset w/curved coulters, side hill hitch gauge wheel, excellent
Oliver 548 4x16, auto reset w/coulter and gauge wheel, very nice
Brady 9 tooth 3 pt. chisel plow
Glenco 9 tooth soil saver, late model, used very little, just like new
Glenco 9 tooth soil saver, very good condition
IH 720 5x16 Auto Reset, fully equipped, excellent
IH 710 5x16 Auto Reset, coulters & gauge wheel, very nice
IH 720 4x16 Auto Reset, excellent

USED DISCS AND HARROWS

IH 315 13' Cultimulcher w/inside wheels, very good cond.
JD 1630, 11' Plowing Disc, 26" blades, like new
JD 220, 20' Hydraulic Center Fold, Excellent Cond.
JD 230, 20' Hydraulic Wing Fold, 21" Blades, Tandem Wheels
White 265 10' plowing disc, very nice cond.
White 263 12' finishing disc w/tandem wheels, very nice
Pittsburgh 24' spring tooth transport harrow
Miller 10' offset disc, tandem wheels, 25" blades, heavy 3 bar frame, excellent cond
Krause 12' offset disc, very nice
Brillion 23' all hydraulic x-fold cultipacker, almost new
Knowles 20' transport spring tooth harrow, used very little

USED FORAGE EQUIPMENT

NH 770 w/2RN corn, 770W pickup, HD 540 PTO, very nice
NH 782 w/824 corn, 770 pickup, HD540 PTO, good condition
JD 3960, 2RN and pickup, electric controls, hyd. tongue, very good condition
JD 3970 3RN, 7' Pickup, iron guard, spout and row track, electric controls, excellent
JD 5400 cab, air, 4WD, JD Dura-Drum, 3 RN 7' pickup, 3600 hrs., excellent condition

USED HAY EQUIPMENT

NH 315 Baler w/#75 pan thrower, excellent
NH 315 w/#70 thrower, nice, clean, orig. baler
NH 489 Haybine, stop guards, hyd. tongue, like new
NH 488 Haybine, 9' cylinders and hoses, good machine, w/excellent rolls
NH 495 12' Haybine, very good condition
NH 256 Rake, w/rubber teeth, nice
NH 256 Rake, w/rubber teeth, one yr. old, like new
Pequea 710 Hay tedder, used very little
Several used wooden bale throw wagons w/gears
Used pipe type bale throw wagon w/NH gear, excellent
New quality Diller 8x18 bale throw racks w/choice of 6 or 8 ton gears

USED SILAGE WAGONS

Papec Dion 3 beater w/roof and tandem
Artsway Dion, 3 beater w/roof, 12 ton tandem excellent
JD 716 3 beater w/roof, tandem running gear
Lamco 14' 3 beater, no roof
NH #8 3 beater, no roof, very nice

USED SPREADERS

NH 680 Tandem Axle w/hyd. endgate w/slurry sides, excellent
NH 679 Tandem Axle spreader w/gate
JD 780 Tandem Hydro Push Spreader 540 PTO w/endgate and control valve

LOADERS

JD 260 Quick attach loader for 4WD tractors, excellent
JD 148 Loader w/Heavy Duty Frame Work For Utility Style Tractors And Indep. Valve, Very Nice Condition
IH 2001 Loader, brackets for 656 thru 686

USED HARVESTER HEADS

NH 900 W Pickup
NH 824 2R Corn, excellent
NH 3RN auger base corn head package,
NH Auger base w/8' hay pickup
JD 2RW w/clutch
Gehl TR30 38 late model 2R adj. cornhead
NH 770W hay pickup head, excellent
Gehl 2RW older style, good cond.

USED CONSTRUCTION EQUIPMENT

JD 2010 Dsl. loader w/ROPS, rear weights and hyd. shuttle, nice clean older machine
Ford 3400 Gas w/ldr., 3 pt. and PS

MISCELLANEOUS

MF 410 Combine 13' Hume reel, cab & air, extra nice
JD 18x38 axle mount duals
IH 16x38 axle mount duals
JD Forage Harvester adapter plate for snapper head

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Brillion
TILLAGE EQUIPMENT

Harley
LANDSCAPE POWER RAKES

BARGAIN LIST

	LIST PRICE	SALES PRICE
Brillion 10-Ft. Pulverizer	$ 350	$ 275
Brillion 11-Ft. Pulverizer	$ 450	$ 275
IHC 12-Ft. Disk Harrow	$ 750	$ 550
JD 1450 5B16 Semi-Mtd. Plow	$ 950	$ 600
Hesston 1091 9 Ft. Mower Cond.	$1,350	$1,050
JD 1219 9-Ft. Mower-Cond~~itioner~~ SOLD	$2,500	$1,450
JD 1380 12-Ft. Mower-Conditioner	$3,500	$2,450
JD 3960 Forage Harvester w/Elec. Controls	$6,500	$5,350
JD 5½ -Ft. Hay Pickup	$ 350	$ 250
IHC 800 6R30 Corn Planter	$4,250	$3,250
White 5400 6R30 Corn Planter	$3,500	$2,250
JD 215 15 Ft. Rigid Platform	$2,800	$1,500
JD 215 15 Ft. Rigid Platform	$3,500	$2,000
JD 215 15 Ft. Flex Platform	$5,500	$3,000
JD 215 15 Ft. Flex Platform	$5,500	$3,000

12th MONTH SALE - 12% OFF

It's the end of the year. We are clearing out our inventory while you enjoy the savings. Take 12% off all published prices except those items on the "Bargain List".

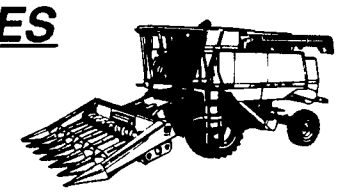
TRACTORS

0% Interest Til April 1, 1992

AC "C" w/Cult.	$ 1,850
JD 2150 45-H.P. Dsl. w/Rev. Trans., JD 175 Loader	$14,900
JD 3010 55-H.P. Dsl.	$ 5,950
JD 2240 55-H.P. Dsl. w/New Engine	$11,500
JD 2755 75-H.P. Dsl. MFWD, Cab	$30,500
JD 4010 80-H.P. Dsl.	$ 9,250
AC 200 100-H.P. Dsl., Cab	$ 8,500
Hesston 1380 120-H.P. w/Cab, 12 Spd.	$14,500
JD 4250 120-H.P. Dsl., Cab, P.S., Duals	$45,000
JD 4440, 130-H.P. Dsl. P/S, Cab	$28,500
AC 7060 160-H.P. Dsl., Cab, Power Shift	$15,500
Case IH 3394 165-H.P. Dsl. MFWD, Cab	$32,500
Case 4690 220-H.P. Dsl. 4-Whl. Drive Cab	$35,500

COMBINES

0% Interest Til Sept. 1, 1992 Or 6.9% For 48 Months



JD 55 Gas w/12 Ft., 3R Cornhead	$ 3,800
MF 750 Diesel w/4R Cornhead	$ 9,500
JD 4425, Variable Speed, Cab, Spreader, 950 Hours	$33,500
JD 4435, Variable Speed, Cab, Chopper, 880 Hours	$47,500
IHC 1460 Hydro, Cab, 6R30	$46,500
Gleaner L2 w/Cab, Straw Chopper, 15-Ft. Flex, 6R30	$36,500
JD 443 4R30 Cornhead	$ 3,850
JD 643 6R30 Cornhead	$11,500
JD 213 13-Ft. Flex Platform	$ 4,500
JD 215 15-Ft. Flex Platform	$ 7,250
JD 220 20-Ft. Flex Platform	$ 6,500

CORN PLANTERS

0% Interest Til April 1, 1992

JD 7000 4R30, Cons., Coulters, Dry Fert., Insect.	$ 7,150
JD 7000 4R30 Unit Coulters, Dry Fert., Insect.	$ 7,750
JD 7000 4R30 Unit Coulters, Dry Fert., Insect.	$ 7,500
JD 7000 6R30 Unit Coulters, Dry Fert., Insect.	$ 9,250
JD 7000 6R30 Cons., Frame Coulters, Dry Fert., Insect.	$10,500

FORAGE EQUIPMENT

0% Interest Til May 1, 1992

JD 3960 Harvester	$ 5,350
JD 3960 Harvester	~~$ 9,000~~ $ 7,500
JD 35 Harvester	$ 2,750
IHC 830 Harvester w/3R30, SOLD PU	$ 5,750
NH 900 Harvester w/Metal Alert, Hay PU, Like New	$18,500
NH 1895 SP w/3R30, Hay PU	$17,500

HAY EQUIPMENT

0% Interest Til May 1, 1992

NH 479 9-Ft. Haybine	$ 1,995
JD 1380 12-Ft. Mower-Conditioner	$ 3,750
NH 489 9-Ft. Haybine	$ 3,850
JD 1219 9-Ft. Mower-Conditioner	$ 6,350
NH 411 9-Ft. Rotary Disk Haybine	$ 6,950
Hesston 1160 12-Ft. Hydra-Swing	$11,500
OMC 596 Re~~SOLD~~ Baler	$ 6,250
NH 320 Baler w/Drop Chute	$ 5,500
JD 346 Baler w/JD Ejector	$ 6,950
JD 348 Baler w/JD 40 Ejector	$10,700

MISC. EQUIPMENT

New Idea 245 10 Ton Spreaders w/Endgate	$ 2,850
JD FBB 15x7 Fert./Grain Drill	$1,650
Marliss No-Til 10-Ft. Grain Drill SOLD	$5,500
Krause 5200 No-Til 13-Ft. Grain Drill	$9,000
JD 750 15 Ft. No-Til w/GSA, Like New	$21,000
New Idea 323 1-Row Corn Picker	$2,650
New Idea 176 41-Ft. Corn Elevator	$1,650
Tebbin 5-Tooth Deep-Til w/Gauge Wheels	$2,750
MF 233 Disk Harrow, 12-Ft.	$2,800
JD 950 Roller Harrow, 12-Ft.	$3,300

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Ford Versatile V-276 By-Directional w/Loader
NH 479 Haybine
NH 55 Rake
NH 256 Rake
NH 668 LH Tank Spreader
NH L[SOLD]oad Loader
NI 390 [SOLD]Spreader w/ Endgate And New Chains
Gehl 99 Blower
MF 52 Disc
MF 12 Baler w/Thrower
Woods 5' Rotary Cutter
NI 290 Mower Conditioner

Ford FORD NEW HOLLAND

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1a CONSTRUCTION EQUIPMENT

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Outside NJ 1-800-545-1278
Toll Free NJ (Parts) 1-800-382-9207
JD FINANCING AVAILABLE TO QUALIFIED BUYERS

CRAWLER DOZERS

1976 JD 450C Dozer	$17,000
1986 Komatsu D-85E-18 Dozer	$48,000
1981 JD 555 w/Backhoe ROPS Regular Bucket	$18,000
1976 JD 350C Dozer	$15,000
1985 JD 450E Wide Track Dozer	$30,000
1980 JD450-C Dozer, new bottom	$22,000
1984 JD450-D Dozer	$25,000
1985 JD450-E Dozer	$29,000
1988 JD 550G Dozer, 2100 Hrs.	$32,000
1988 JD 650G, 1000 hours	$46,000
1988 JD 400G Dozer, 930 Hrs.	$24,000

SKID STEER LOADER

1985 Bobcat 843 w/grapple bucket	$10,000
Toyota SDK7 w/Backhoe attachment, 635 hours	$16,500
Thomas 233 HD Demo. 300 Hrs.	$17,000

HYDRAULIC EXCAVATORS

1986 JD 25 Excavator, 2428 Hrs., New Tracks	$15,000
1986 JD 50 Excavator, 700 Hrs.	$29,000
1985 Komatsu 120 Excavator	$28,500
1986 JD 70 Excavator w/Blade & Offset Boom	$27,000
1988 JD 70-D Excavator with Blade, long stick, 1900 hours	$30,000

CRAWLER LOADER

1966 JD 350 w/Standard Bucket	$7,500
1984 JD 455D w/4 & 1 Bucket	$22,000
1986 JD 455E w/BH ROPS, Reg. Bucket	$24,000

MISCELLANEOUS

New JD 350 Crawler Loader Series 4-1 Bucket Replacement clam and back	$1,500

Repower With New JD Engines Up-Grade Your Tractors, Pumps, Air Compressors, Generator Sets, And Most OEM Engine Applications. 2 Year Warranty With Options To 5 Years.

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TRAILER SPECIALS
New Leftover 10 Ton Electric Brake..... $6,775
New Leftover 12 Ton Air Brake Including F.E.T..... $8,375

WHEEL LOADER BACKHOES

1987 JD 310C w/ROPS, 250 hrs.	$26,000
1987 JD 310C w/cab & 4 WD	$28,500
1981 Case 580D w/Cab, Extendahoe, Excel. Cond., 2,450 Hrs.	$12,500
1975 Case 580B w/Cab	$8,500
1972 MF 50A	$7,500
1987 Cat 416 w/cab, 2 WD, 1150 hours	$23,000
1984 JD 410B w/cab & regular hoe, Case controls	$22,000
1978 Dynahoe 200 4WD w/cab, side dump bucket	$12,000
1972 Dynahoe 190 with Cab	$9,500
1982 JD510 with Cab & 16' Backhoe, 80 HP, 8 Speeds, Power Shift, Similar to 3010 Ag	$16,000
1983 JD 510B w/ROPS	$22,000
1978 JD310-A with Cab	$16,000
1979 Case 580-C with Cab	$10,000
1984 JD410-B w/ROPS & Extendahoe	$22,000
1986 JD 410C w/Cab, 1210 hr.	$26,000
1985 JD515-B with Cab & side shift Backhoe	$25,000
1987 JD510C w/Cab & Extendahoe, 952 Hrs.	$35,000
1986 JD 210C w/Cab, 4WD, 1800 Hrs.	$19,500
1979 JD 410 w/Cab	$12,000
1989 JD 310C Cab, 4WD, 1350 Hrs.	$32,000

WHEEL TRACTOR

Wheel Horse Lawn Tractor, Model 210-5 36" Cut, Like New	$1,500
1989 JD 755 Utility diesel 4WD, #70 loader, 3 pt. hitch w/York rake, 443 hrs.	$9,000
Ford 4000 Gas, Industrial Loader, ARPS, 3 Pt. Hoe	$6,000
1980 Case (David Brown) 1290, 4 WD, 3 Pt. hitch & loader, 2200 hrs., 65 HP	$9,500
1966 Ford 3400 with Loader, no 3 point hitch	$3,500

4 WHEEL DRIVE LOADERS

1973 JD 644A w/Cab, 2.5 Yd. Bucket	$22,500

1a CONSTRUCTION EQUIPMENT

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(19) TRAILERS

1976 3 Axle Tag-A-Long	$1000
(6) 1991 5 Ton Tag-A-Long	$1895
1987 3 Axle Tag-A-Long	$2000
1972 Fruehauf 43' Flat	$2300
1979 3 Axle Tag-A-Long	$2400
15 Ton Lowboy	$2500
1988 2-Axle Tag-A-Long	$2500
1984 3 Axle Tag-A-Long	$2600
1984 Eager Beaver 9 Ton Tag-A-Long	$2800
1987 3 Axle Tag-A-Long	$2800
Kodiak 16' 2 Axle Display Trailer	$3500
(2) Martin 35 Ton Lowboy.. Each	$4500
1989 48' Drop Deck Spread Axle-Air Ride	$8750

(8) LOG SKIDDERS

Tree Farmer	$2500
Pettibone PT 18	$3500
Tree Farmer C5D	$4500
JD 440	$8500
Clark Ranger 666B	$8500
Clark Ranger 664B	$9500
(2) JD 540B w/ Grapple	$10,500/$12,500

HUNDREDS OF CRAWLERS & BACKHOES FOR SALVAGE

(20) CRAWLER LOADERS

(2)JD 350	$3900-$4900
AC HD5	$4900
Case 350	$5900
Cat 955H	$7500
(3) JD 450	$4900-$9900
IH 100E	$9900
JD 450B	$10,900
IH 125C	$12,900
IH 125E	$13,500
Case 450B	$16,500
Cat 955L	$16,500
Case 850B	$16,500
Case 850C	$18,500
Case 455C	$23,500
Cat 977L	$27,500
Case 855D	$28,500
Cat 983 w/Cab	$35,000

(20) DOZERS

IH TD5-Winch-No Blade	$2900
JD MC	$3500
AC H3	$4900
JD 350 6 Way	$4900
JD 440	$5900
Cat D4D	$9500
IH TD7C	$10,900
Case 450-6 Way	$11,500
(2) JD 450B-6 Way	$10,500-$11,500
Komatsu D85	$11,500
JD 450C-6 Way	$12,500
Cat D3-ROPS	$13,500
JD 550	$14,500
Case 450B-6 Way	$16,500
Case 850C-6 Way	$22,500
JD 450E-6 Way	$23,500
Cat D3B-Custom 75-ROPS	$24,500
IH TD 25C w/Ripper	$44,500
Fiat AC FD30	Call

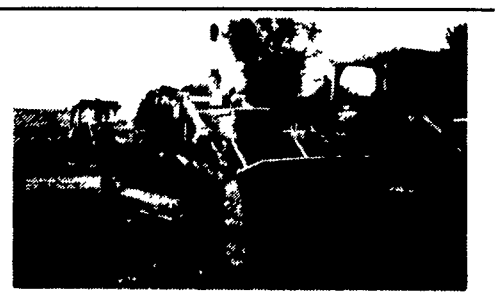
(17) TRUCKS & CARS

1982 Yamaha 650 Maxim	$1490
1955 Chevy Pickup	$1990
1952 Chevy Coupe	$2750
1976 GMC Sierra Grande Pickup	$3790
1984 Chevy Scottsdale Pickup	$3790
1985 Honda Accord LX-4 Dr.-	$4500
1985 Honda Accord LX-4 Dr.	$5000
1986 Honda-4 Dr. Accord LX	$5200
1972 IH Bucket Truck-34'	$5900
1986 Chevy Silverado Pickup	$6190
1972 Chevy 41' Bucket Truck	$7750
1985 Ford E350 Mini Bus	$9250
1970 GMC Astro w/24' Rollback	$10,500
1987 Buick Gran National	$13,700
1988 Chevy Suburban-Silverado-4x4	$14,500
1988 GMC 3500 1 Ton Extend-A-Cab, Dually Pickup	$14,500
1990 GMC Top Kick-Dump	$22,000

(10) RUBBER TIRED LOADERS

Case W4	$4800
Hough 90	$5900
Michigan 55 III	$6500
Hough 50C	$7500
AC 840	$14,500
Fiat 345B	$18,500
JD 644A	Call
Ford A66	Call
Cat 950	Call
JD 644B	Call

Michigan 55 Series 3 Rubber Tired Loader-Gas- Cab- 4WD- Running Condition, Only $6,500.



Cat 955L Crawler Loader, General Purpose Bucket With Teeth, Runs Good, Good Undercarriage, Was $22,500, Now $16,500.

(13) BACKHOES

(6) Rigid Hoe Attachments	$2500 & Up
(5) 3 Pt. Hoe Attachments	$2500 & Up
(2) Case 530CK	$3000/$3500
Wainroy	$5900-
AC 715B	$8500
Ford 555	$9500
Ford 555	$13,500
JD 310B	$13,500
(2) JD 510	$14,500
Case 580 Super E	$15,500
Case 580 Super E	$18,500
Dynahoe 200 4x4	$18,500
Case 580D 4x4-EXT	$19,750

(5) TRACTORS WITH LOADERS

Ferguson 20	$2000
Case 430CK	$4400
IH 2400	$4900
Ford 335	$8500
IH 260A	$8500

MISC. CONSTRUCTION

(100+) Used Hoe Buckets..	Come Look
(75) Loader Buckets..	Come Look
(75) Set Forklift Forks	Come Look
(3) Tree Planters	$350-$650
Ford 4500 Frost Tooth	$395
JD 640B Log Skidder Blade	$1000
Root Rake 7'	$1400
Ripper	$1500
(2) Tree Shearer.	$1000-$3000
Giant Leaf Vacuum's-	2 For $1700
General 1 Ton Roller	$2300
(2) Sweepers	$600 to $2900
Schramm 160 Air Comp	$3900
Snowblower For Big Loader	$3900
(2) Sheepsfoot 2 Drum Roller	$3900
12" Woodchipper	$4000
Jeagar 175 Diesel Compressor	$4400
1-2 Ton Vibratory Roller	$4500
Huber Maintainer	$4900
16" Woodchipper-Dsl.	$5000
1987 Ingersol 50 KW Generator	$7500
Construction Ramp	$7500
JD 5010 Scraper	$7900
Huber F1500 Grader	$8500
Ford 6610 w/20' Boom Mower	$12,500
JD 760 Scraper	$12,700
Bucyres Erie 45C Truck Crane	Call
Northwest 25 Dragline	Call

(5) SKID STEER LOADERS

NH 778 Diesel	$4900
NH 555 Diesel	$5900
Case 1845 Diesel	$8500
JD 575 Diesel	$11,500
NH 781 Diesel	$12,800

NEW EQUIPMENT

Boom Poles	$125
King Kutter Scraper Blades 6', 7' And 8'	$225-$995
Seeders- Broadcasters- 3 Pt.	$395
King Kutter Stone Rakes 4', 5', 6', 7' & 8'	$395-$595
King Kutter Post Hole Diggers 6", 9" And 12" Augers	$495
King Kutter Discs 5½ ' And 6½ '- 3 Pt.	$495-$595
King Kutter Grading Boxes 4', 5½ ', 6', 7' & 8'.	$495-$595
King Kutter Rotary Mowers 4', 5' And 6' 3 Pt. And Pull Type.	$595 & Up
Aerator 5'- 3 Pt.	$695
King Kutter Finish Mowers 4', 5', 6' & 7'- 3 Pt.	$995-$1295
Long Rototillers 55", 63", & 71"	$1495-$1995

(12) FORKLIFTS

Clark 4000 Lb.	$800
Caterpillar 5000 Lb.	$2600
White 40 LP	$4900
JD 480	$5400
Case 584C-21'	$8500
Clark 8000 lb. Gas	$10,500
Chicken Hawk	$11,500
Komatsu FG40 1980 8000 Lb. & Triple Mast	$11,500
Case 586C	$16,500
Case 586D-21'	Call
Case 584D-21'	Call
Pettibone B66-4x4-Extended	Call

EXCELLENT SELECTION OF AFFORDABLE USED EQUIPMENT

NH 315 Baler & 58 Thrower
Used Very Little
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Belarus

DEPENDABLE
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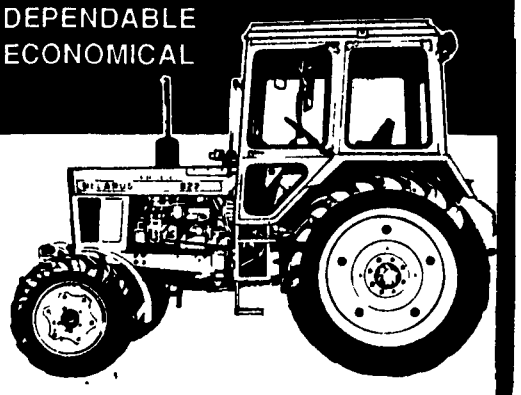

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31 HP Diesel	$5,745
36 HP Diesel 4 WD	$8,295
65 HP Diesel	$10,290
65 HP Diesel 4 WD w/Cab	$13,640
81 HP Diesel	$11,390
81 HP Diesel 4 WD w/Cab	$15,340
100 HP Diesel 4 WD w/Cab	$18,870
180 HP Diesel 4 WD Turbo w/Cab	$36,200

(F.O.B. Milwaukee)

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CRAWLER LOADER CAT 953, LGP, $18,000. 301-833-9091

CRAWLER LOADER IH 125E, 4 in 1, backhoe saddle, very good UC, $11,500. 301-833-9091

DISMANTLING FOR PARTS: Heavy construction equipment, most makes and models, parts locater service available. Balanda Equipment Co. Palm, PA 18070 1-800-322-8030.

FORKLIFT Lull, 4WD, gas, lifts 30', $4,000. 301-833-9091

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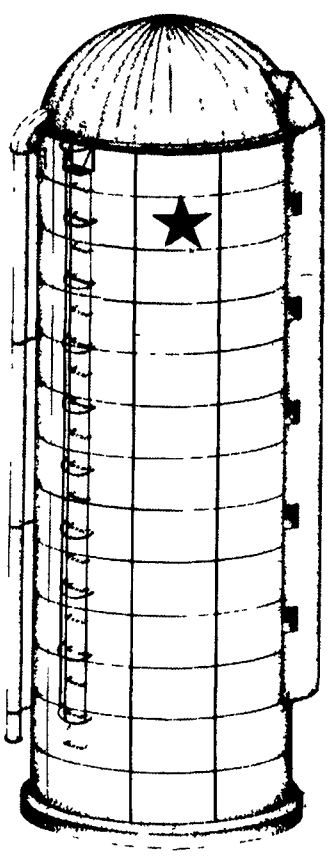

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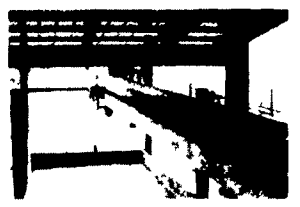

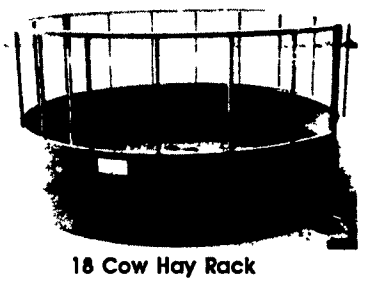

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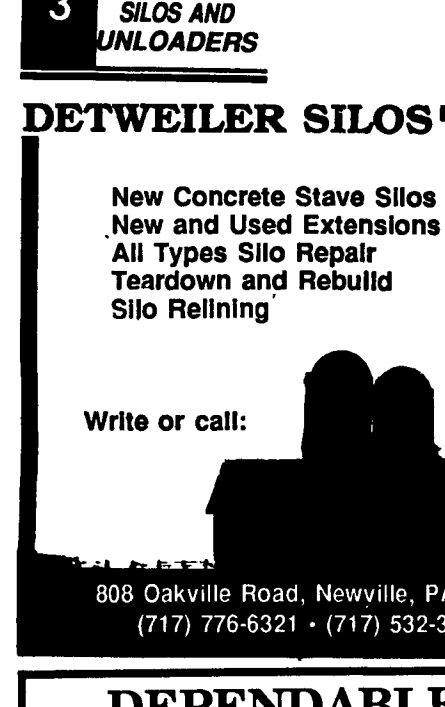

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FOR YOUR TOTAL MIXED RATION REQUIREMENTS

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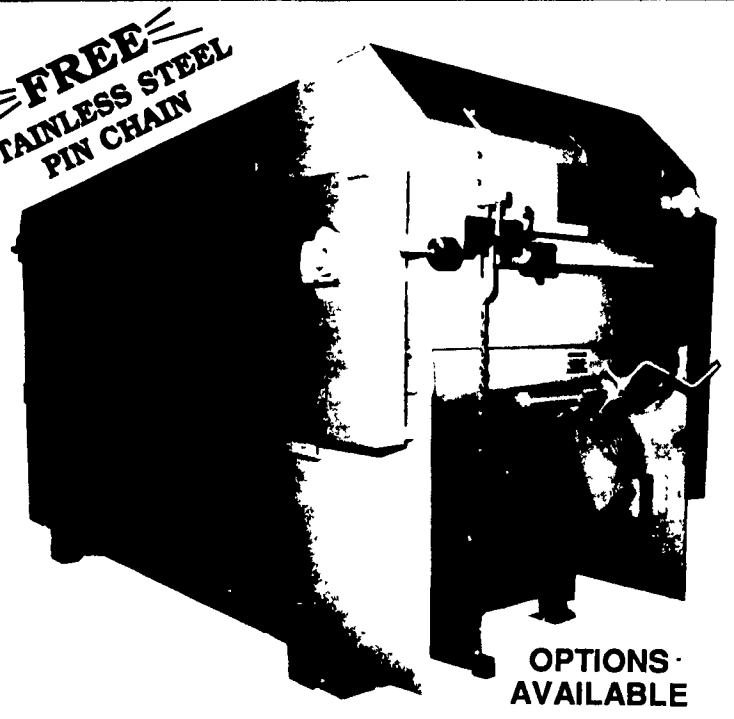

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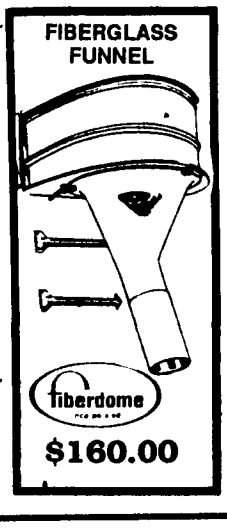

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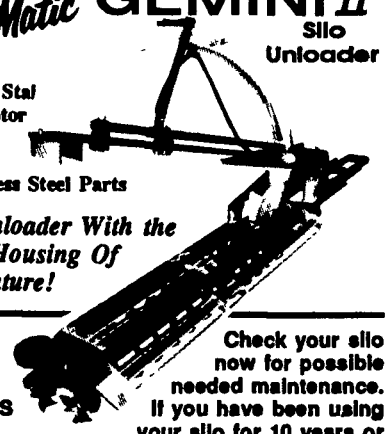

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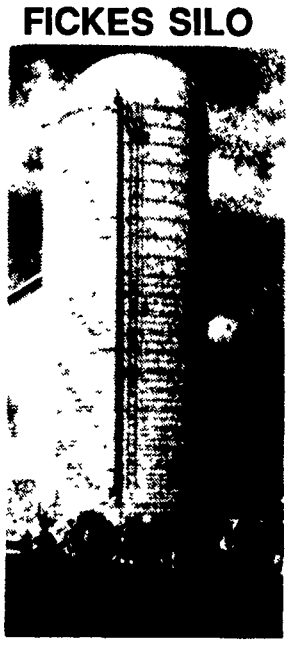

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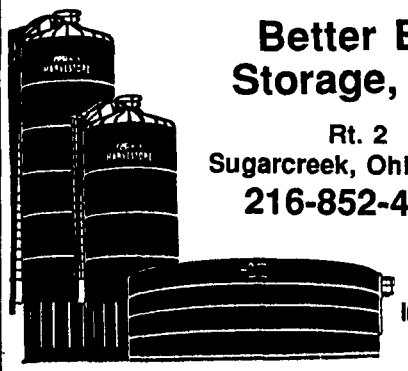

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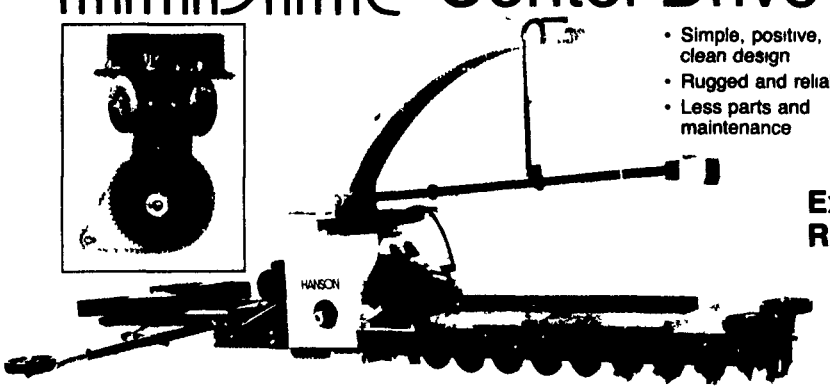

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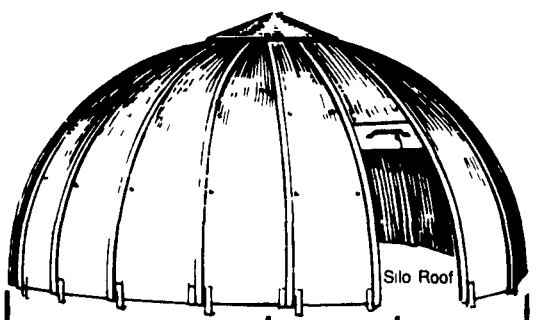

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UPS

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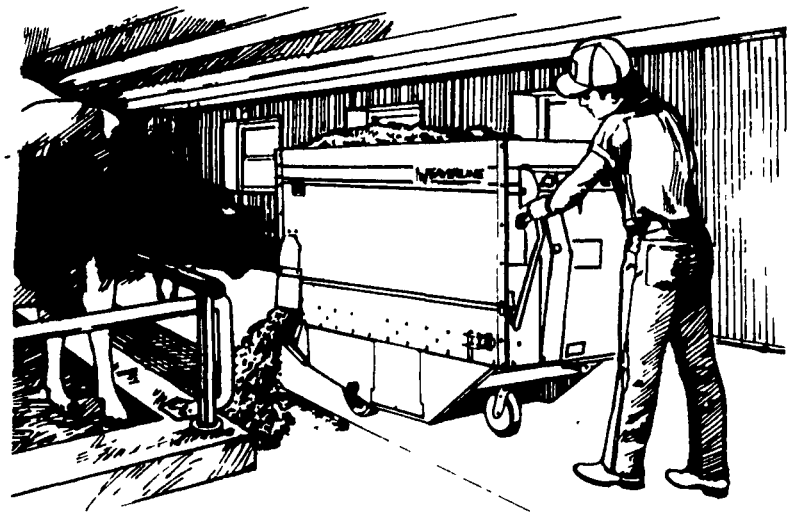
WEAVERLINE FEED CARTS



Measure The Performance

Marcus and Chester reviewing their DHIA records

MARCUS & CHESTER MARTIN

Mercersburg, PA

Marcus and Chester Martin operate a 85 cow Holstein operation in Franklin County. These brothers have been partners since 1980 when they began renting the farm from their father, Glenn Martin. Glenn started the operation in 1956. Last summer Marcus and Chester purchased the farm from their father.

The Martins current feed program consists of 6 lbs. of hay along with 25 lbs. of high quality haylage and 30 lbs. of corn silage. Up until July of 1988 the grain was fed as a straight 18% mix made up of shelled corn, barley, molasses and Purina North Atlantic 38% concentrates. Having felt that their herd had reached a plateau in milk they decided to try a recommendation that their Purina Dairy Specialist suggested.

In July of that year "Marc" and "Chet" backed their protein mix down to a 12% grain ration and started top dressing with Purina North Atlantic 40% concentrate. Their current milk to grain ratio is a 3 to 1 from 65 lbs. of milk and higher. From 50 lbs. to 65 lbs. of milk a 3.5 to 1. And from 50 lbs. of milk on down a 4 to 1. The top dress starts at 60 lbs. of milk. They recently started top-dressing with a Purina High Energy 32% Concentrate.

Here Are The Results The Martins Have See In The Last Few Years:

DATE	#HEAD	% DAYS	MILK LBS.	% TEST	FAT LBS.	% PROTEIN	PROTEIN LBS.
7-88	82.1	86.7	17,851	3.5	626	3.1	549
7-89	85.6	86.7	19,473	3.7	712	3.1	608
9-91	96.9	83.6	20,045	3.6	721	3.2	632

Listed below are some comments that Chet had to share about their current program:

- *"The first thing that we noticed with the new program was a reduction in our protein purchases by 1 ton/month."*
- *"We also are seeing higher peaking cows along with better persistency."*
- *"Herd health and breeding are both doing well and our current calving interval is 12.4"*
- *"Because of good forage quality and our split feeding method we can feed our cows more cost effectively as well as focusing in on peak milk persistency and body condition."*

Purina Mills would like to thank the Martins for sharing their records with us and wish them continued success in the future.

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UMBERGER'S MILL
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GLENVILLE FARM CENTER
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5960 Altenwald Rd.
Waynesboro, PA

DETRICH ELEVATOR, INC.
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Williamson, PA 17270
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WILLIAM GOWER & SON
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Williamsport, MD 21795
301/582-2818

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Knoxville, PA 16928
814/326-4178

HIGH BROTHERS
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Gordonville, PA 17529
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M.G. HENNINGER & SON, INC.
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Woodstown, NJ 08098
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OLEY VALLEY FEED
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Oley, PA
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MARTIN'S FEED & FERTILIZER, INC.
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